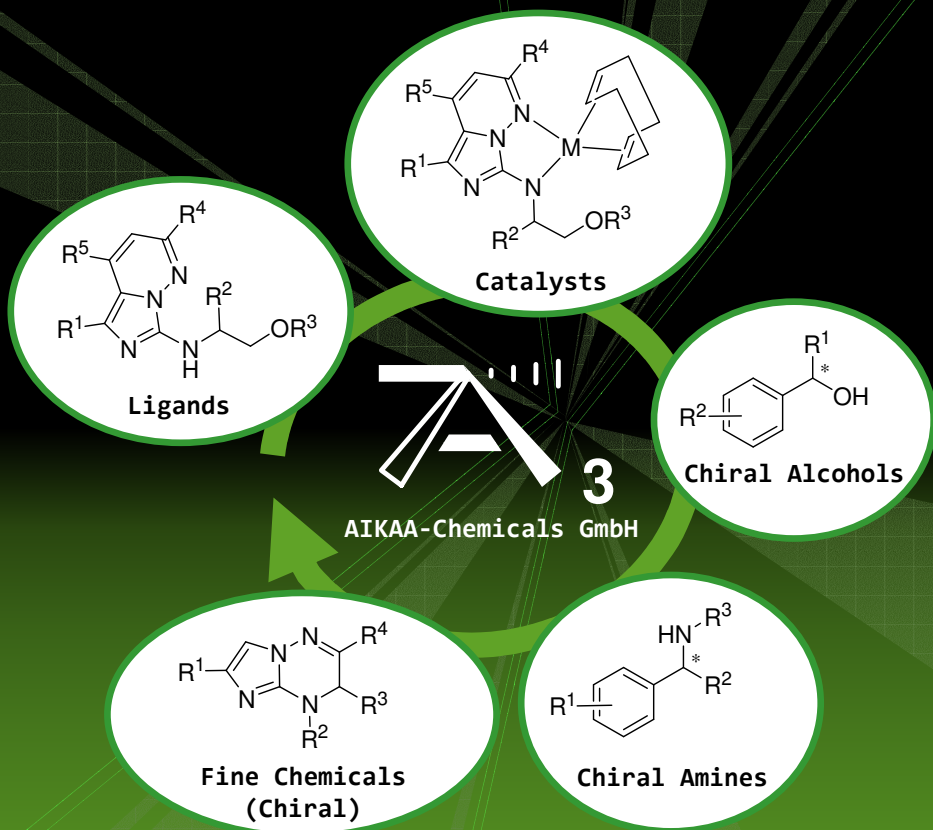


AIKAA-Chemicals GmbH

“Novel chiral catalyst technologies and products for health and life sciences”





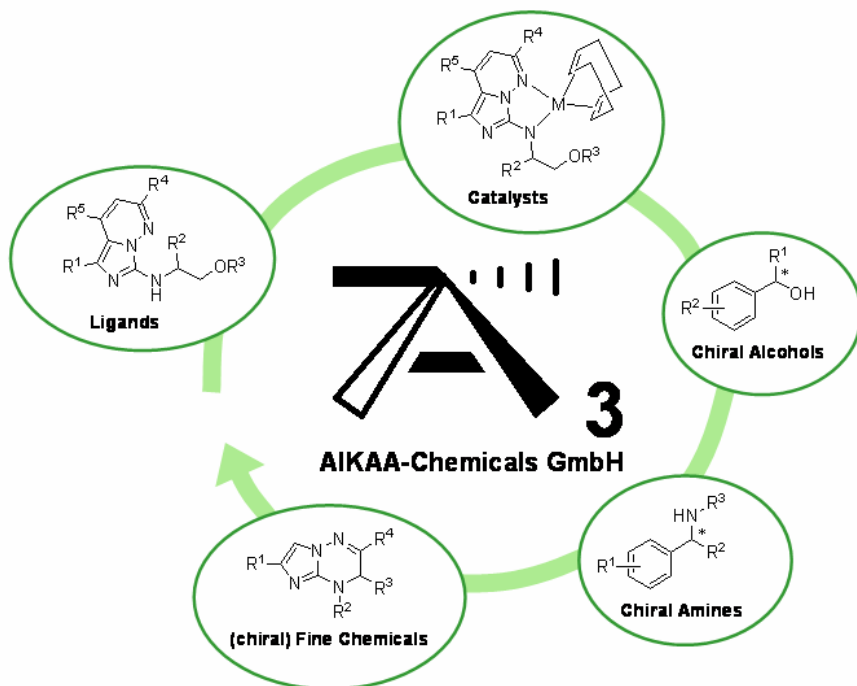
AIKAA-Chemicals GmbH

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Steuer-Nr. 208/121/40052

www.aikaa-chemicals.com

About AIKAA-Chemicals GmbH

AIKAA-Chemicals, founded in 2008 as a technology start-up of the University of Bayreuth, develops and produces new chiral catalyst technologies for asymmetric syntheses. This innovative technology relies on novel, efficient and highly enantioselective catalysts based on a simple preparation protocol. Furthermore the catalysts are easily manageable. The catalysts are built in a modular fashion (Lego principle) from air- and moisture-stable components and finally prepared *in-situ*, meaning in-process.



AIKAA-Chemicals additionally utilises its patented proprietary catalysts and processes for the preparation of chiral alcohols and amines that are building blocks for life-science applications in a semi-industrial production scale. Our inexpensive and highly productive catalysts represent the key to an economically and ecologically optimized value-creation.

Based on our large synthetic and catalytic know-how we are a reliable partner for the efficient development of novel processes and products, in a highly ecologic and economic fashion with a short time-to-market period.

www.aikaa-chemicals.com

Table of Contents

Chiral Ligands (<i>2,4,5,-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-ylamino)-alcohols</i>)	7
Chiral Catalysts (<i>for Asymmetric Hydrogenation</i>)	27
Ligand-/Catalyst-Toolkit	44
Chiral Alcohols	46
Chiral Amines	48
Fine Chemicals	50
<i>Fulvenes</i>	50
<i>Imidazo[1,5-b]pyridazines</i>	52
<i>(Hetero)aromatic Amines</i>	70
<i>Imines</i>	78
<i>Imidazo[1,2-b][1,2,4]triazines</i>	79

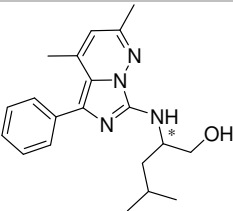
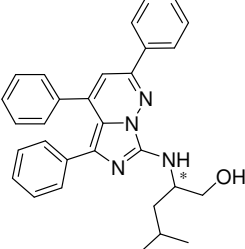
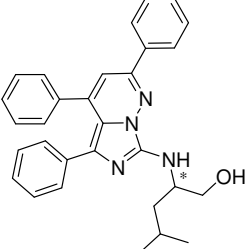
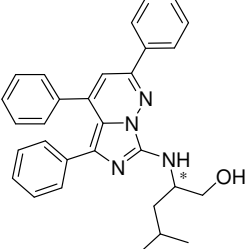
Please contact us for (larger) quantities, prices and custom synthesis.

Prices are exclusive of VAT.

Chiral Ligands *(2,4,5,-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-ylamino)-alcohols*

AIKAA's proprietary and patented ligands, chiral (2,4,5,-alkyl/aryl-imidazo[1,5-b]pyridazin-7-ylamino)-alcohols, are assembled in a modular fashion (Lego principle).

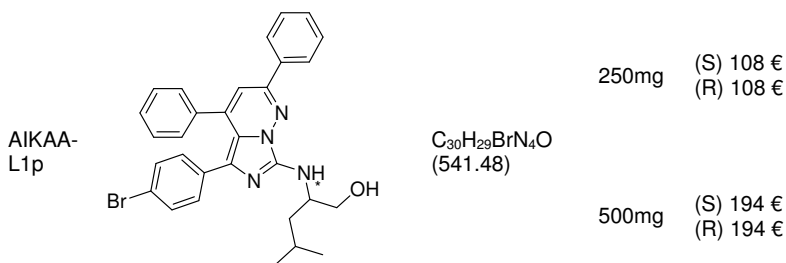
This ligand architecture allows for the preparation of a large library of air-stable chiral (*R* and *S* configuration) ligands which can be employed in various solvents. The latter can be purchased separately directly from AIKAA-Chemicals or additionally as a ligand-/catalyst-toolkit (see page 44).

Chiral Ligands			
AIKAA-L1a		$C_{20}H_{26}N_4O$ (338.49)	250mg (S) 70 €
			(R) 70 €
AIKAA-L1c		$C_{30}H_{30}N_4O$ (462.59)	500mg (S) 130 €
			(R) 130 €
AIKAA-L1c		$C_{30}H_{30}N_4O$ (462.59)	250mg (S) 78 €
			(R) 78 €
AIKAA-L1c		$C_{30}H_{30}N_4O$ (462.59)	500mg (S) 140 €
			(R) 140 €

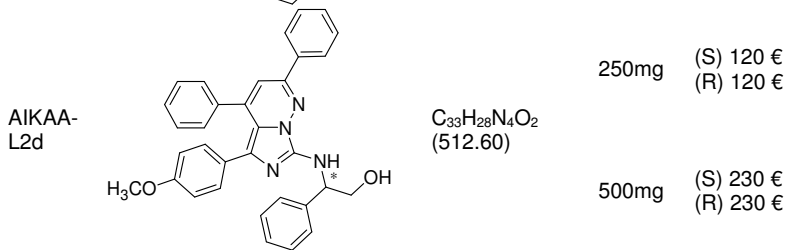
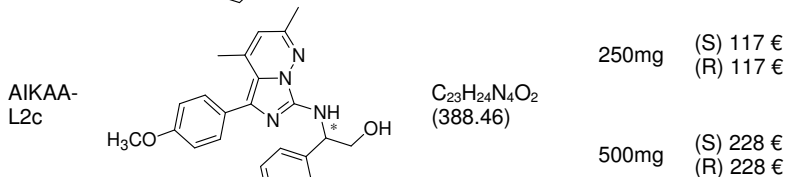
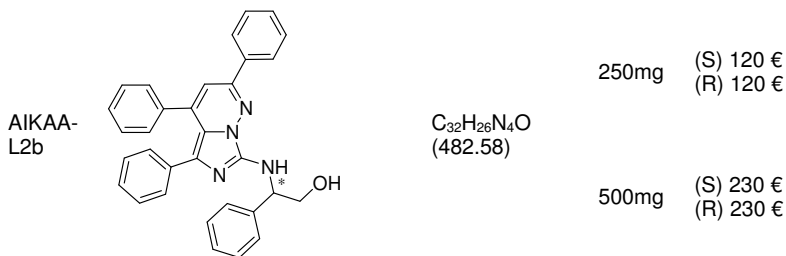
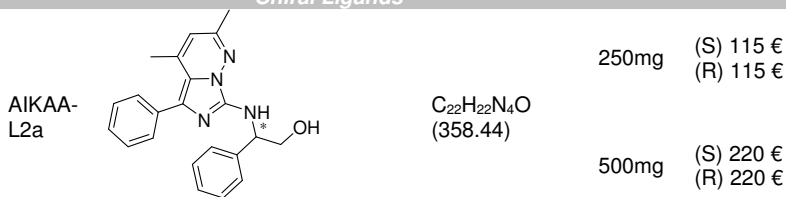
AIKAA-L1b		$C_{21}H_{28}N_4O_2$ (368.47)	250mg (S) 100 € (R) 100 €
AIKAA-L1e		$C_{31}H_{32}N_4O_2$ (492.61)	500mg (S) 185 € (R) 185 €
AIKAA-L1d		$C_{24}H_{28}N_4O$ (388.51)	250mg (S) 110 € (R) 110 €
AIKAA-L1f		$C_{34}H_{32}N_4O$ (512.64)	500mg (S) 200 € (R) 200 €
AIKAA-L1g		$C_{18}H_{30}N_4O$ (318.24)	250mg (S) 120 € (R) 120 €
			500mg (S) 220 € (R) 220 €
			250mg (S) 130 € (R) 130 €
			500mg (S) 240 € (R) 240 €
			250mg (S) 110 € (R) 110 €
			500mg (S) 210 € (R) 210 €

AikAA-L1h		$C_{28}H_{34}N_4O$ (442.60)	250mg (S) 115 € (R) 115 €	500mg (S) 220 € (R) 220 €
AikAA-L1i		$C_{26}H_{30}N_4O$ (414.53)	250mg (S) 120 € (R) 120 €	500mg (S) 228 € (R) 228 €
AikAA-L1j		$C_{36}H_{34}N_4O$ (538.67)	250mg (S) 123 € (R) 123 €	500mg (S) 231 € (R) 231 €
AikAA-L1k		$C_{21}H_{28}N_4O$ (352.47)	250mg (S) 112 € (R) 112 €	500mg (S) 200 € (R) 200 €

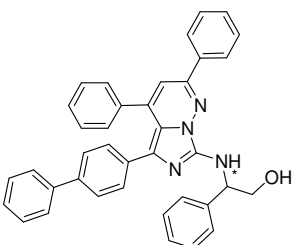
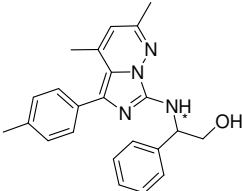
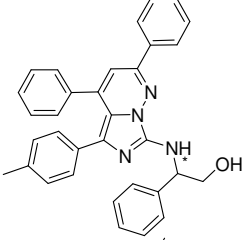
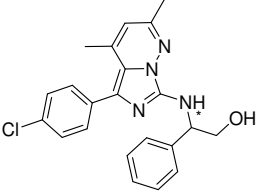
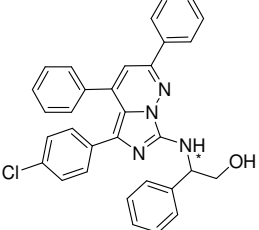
AIKAA-L1l		$C_{31}H_{32}N_4O$ (476.60)	250mg (S) 120 € (R) 120 €
			500mg (S) 228 € (R) 228 €
AIKAA-L1m		$C_{20}H_{25}ClN_4O$ (372.88)	250mg (S) 103 € (R) 103 €
			500mg (S) 190 € (R) 190 €
AIKAA-L1n		$C_{30}H_{29}ClN_4O$ (497.03)	250mg (S) 108 € (R) 108 €
			500mg (S) 194 € (R) 194 €
AIKAA-L1o		$C_{20}H_{25}BrN_4O$ (417.34)	250mg (S) 103 € (R) 103 €
			500mg (S) 190 € (R) 190 €

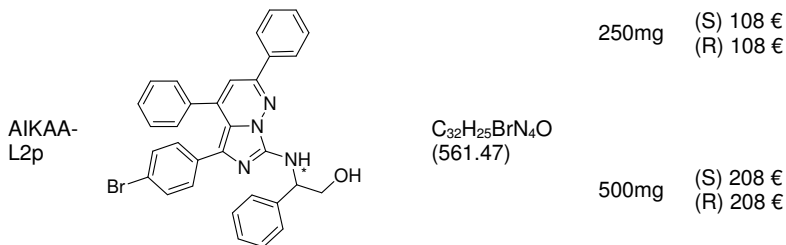
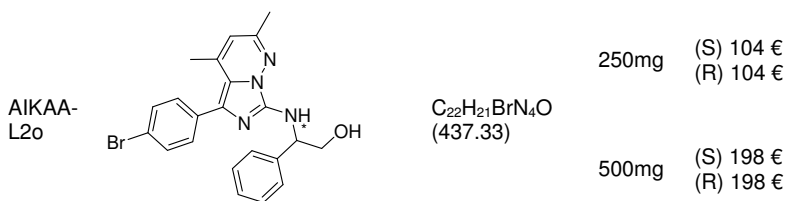


Chiral Ligands

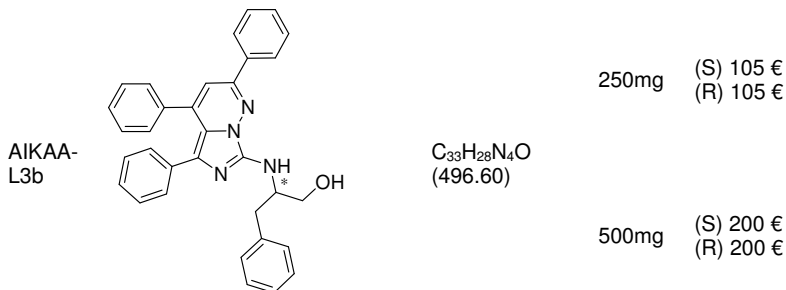
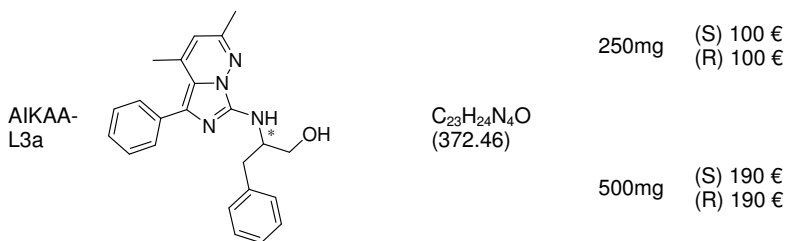


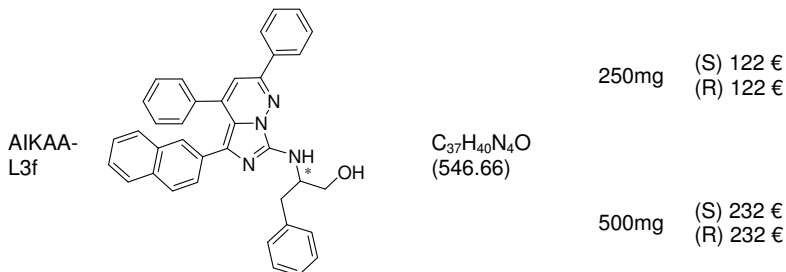
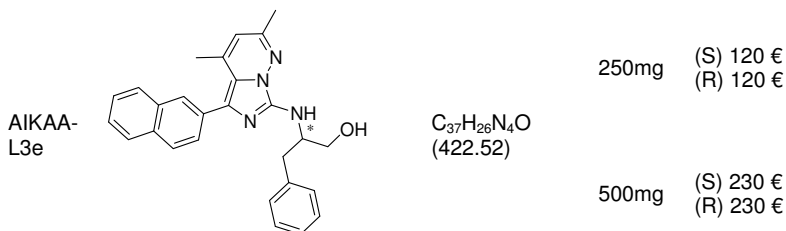
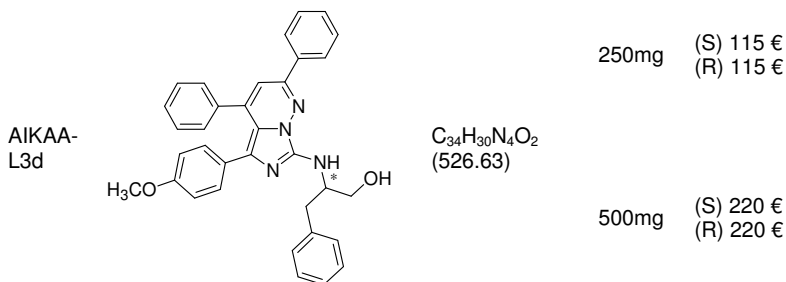
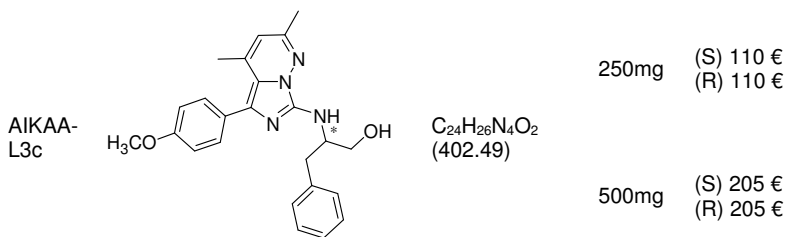
AIKAA-L2e		C ₂₆ H ₂₄ N ₄ O (408.49)	250mg (S) 125 € (R) 125 €
			500mg (S) 241 € (R) 241 €
AIKAA-L2f		C ₃₆ H ₂₈ N ₄ O (532.63)	250mg (S) 125 € (R) 125 €
			500mg (S) 241 € (R) 241 €
AIKAA-L2g		C ₂₀ H ₂₆ N ₄ O (338.45)	250mg (S) 105 € (R) 105 €
			500mg (S) 200 € (R) 200 €
AIKAA-L2h		C ₃₀ H ₃₀ N ₄ O (462.59)	250mg (S) 110 € (R) 110 €
			500mg (S) 215 € (R) 215 €
AIKAA-L2i		C ₂₈ H ₂₆ N ₄ O (434.53)	250mg (S) 105 € (R) 105 €
			500mg (S) 200 € (R) 200 €

AikAA-L2j		C ₃₆ H ₃₀ N ₄ O (558.67)	250mg	(S) 110 € (R) 110 €
			500mg	(S) 206 € (R) 206 €
AikAA-L2k		C ₂₃ H ₂₄ N ₄ O (372.46)	250mg	(S) 100 € (R) 100 €
			500mg	(S) 187 € (R) 187 €
AikAA-L2l		C ₃₃ H ₂₈ N ₄ O (496.60)	250mg	(S) 105 € (R) 105 €
			500mg	(S) 200 € (R) 200 €
AikAA-L2m		C ₂₂ H ₂₁ ClN ₄ O (392.88)	250mg	(S) 104 € (R) 104 €
			500mg	(S) 198 € (R) 198 €
AikAA-L2n		C ₃₂ H ₂₅ ClN ₄ O (517.02)	250mg	(S) 108 € (R) 108 €
			500mg	(S) 208 € (R) 208 €

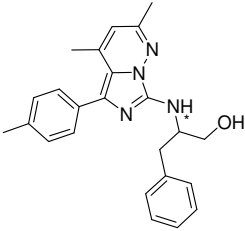
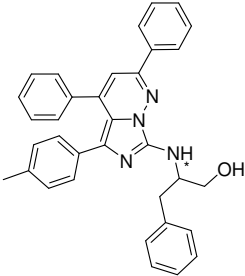
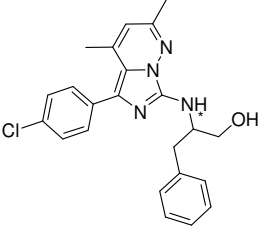
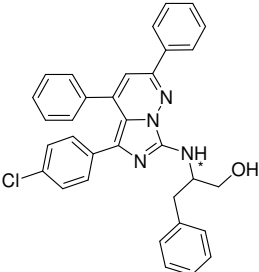


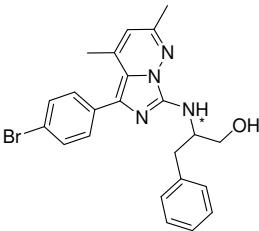
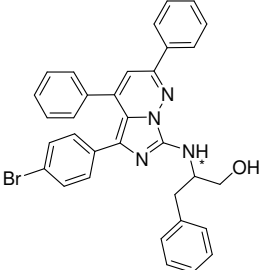
Chiral Ligands



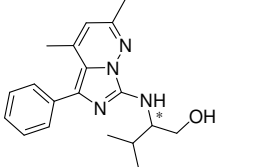
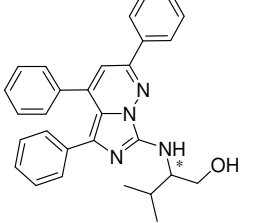
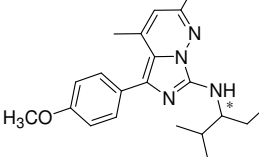


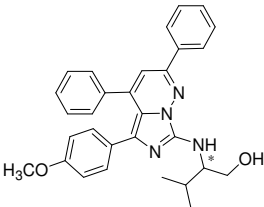
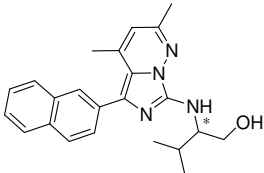
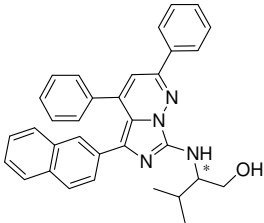
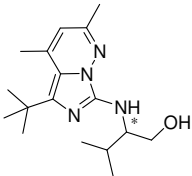
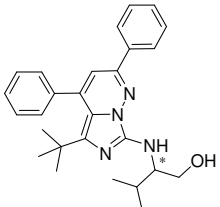
AIKAA-L3g		$C_{21}H_{28}N_4O$ (352.47)	250mg (S) 122 € (R) 122 €
			500mg (S) 232 € (R) 232 €
AIKAA-L3h		$C_{31}H_{32}N_4O$ (476.61)	250mg (S) 125 € (R) 125 €
			500mg (S) 245 € (R) 245 €
AIKAA-L3i		$C_{29}H_{28}N_4O$ (448.56)	250mg (S) 120 € (R) 120 €
			500mg (S) 225 € (R) 225 €
AIKAA-L3j		$C_{39}H_{32}N_4O$ (572.70)	250mg (S) 123 € (R) 123 €
			500mg (S) 229 € (R) 229 €

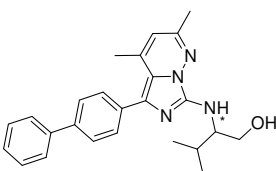
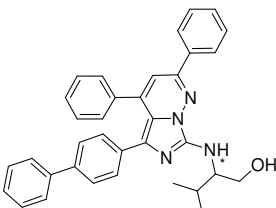
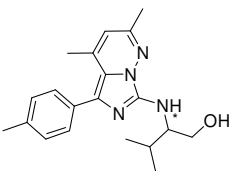
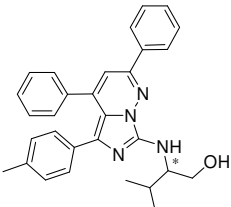
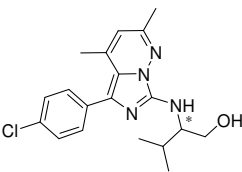
AIKAA-L3k		$C_{24}H_{26}N_4O$ (386.49)	250mg (S) 98 € (R) 98 €
			500mg (S) 188 € (R) 188 €
AIKAA-L3l		$C_{34}H_{30}N_4O$ (510.63)	250mg (S) 102 € (R) 102 €
			500mg (S) 195 € (R) 195 €
AIKAA-L3m		$C_{23}H_{23}ClN_4O$ (406.91)	250mg (S) 95 € (R) 95 €
			500mg (S) 180 € (R) 180 €
AIKAA-L3n		$C_{33}H_{27}ClN_4O$ (531.05)	250mg (S) 99 € (R) 99 €
			500mg (S) 189 € (R) 189 €

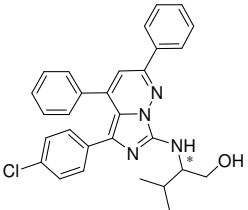
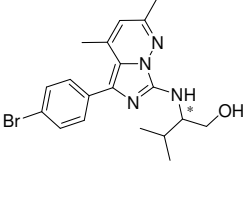
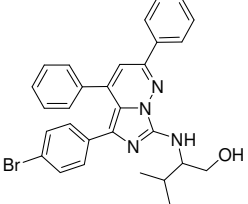
AIKAA-L3o		$C_{23}H_{23}BrN_4O$ (451.36)	250mg	(S) 95 € (R) 95 €
			500mg	(S) 180 € (R) 180 €
AIKAA-L3p		$C_{33}H_{27}BrN_4O$ (575.50)	250mg	(S) 100 € (R) 100 €
			500mg	(S) 190 € (R) 190 €

Chiral Ligands

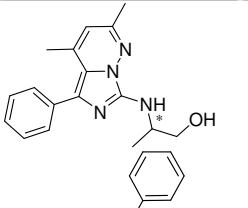
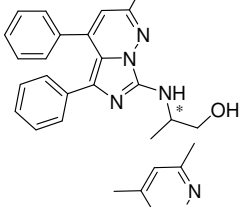
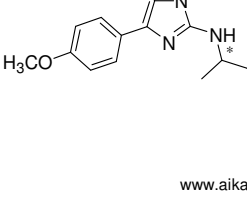
AIKAA-L4a		$C_{19}H_{24}N_4O$ (324.42)	250mg	(S) 98 € (R) 98 €
			500mg	(S) 190 € (R) 190 €
AIKAA-L4b		$C_{29}H_{28}N_4O$ (448.56)	250mg	(S) 100 € (R) 100 €
			500mg	(S) 193 € (R) 193 €
AIKAA-L4c		$C_{20}H_{26}N_4O_2$ (354.45)	250mg	(S) 100 € (R) 100 €
			500mg	(S) 193 € (R) 193 €

AlKAA-L4d		$C_{30}H_{30}N_4O_2$ (478.58)	250mg	(S) 105 € (R) 105 €
			500mg	(S) 200 € (R) 200 €
AlKAA-L4e		$C_{23}H_{26}N_4O$ (374.48)	250mg	(S) 105 € (R) 105 €
			500mg	(S) 200 € (R) 200 €
AlKAA-L4f		$C_{33}H_{30}N_4O$ (498.62)	250mg	(S) 110 € (R) 110 €
			500mg	(S) 210 € (R) 210 €
AlKAA-L4g		$C_{17}H_{28}N_4O$ (304.43)	250mg	(S) 98 € (R) 98 €
			500mg	(S) 190 € (R) 190 €
AlKAA-L4h		$C_{27}H_{32}N_4O$ (428.57)	250mg	(S) 100 € (R) 100 €
			500mg	(S) 195 € (R) 195 €

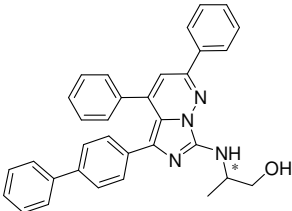
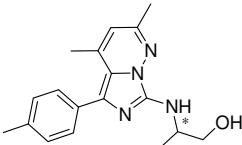
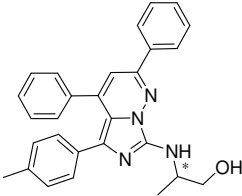
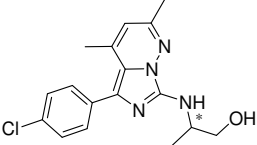
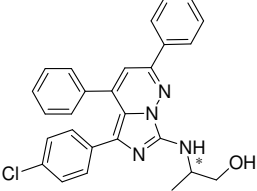
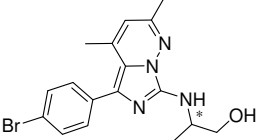
AIKAA-L4i		C ₂₅ H ₂₈ N ₄ O (400.52)	250mg (S) 107 € (R) 107 €
AIKAA-L4j		C ₃₅ H ₃₂ N ₄ O (524.65)	250mg (S) 111 € (R) 111 €
AIKAA-L4k		C ₂₀ H ₂₆ N ₄ O (338.45)	250mg (S) 97 € (R) 97 €
AIKAA-L4l		C ₃₀ H ₃₀ N ₄ O (462.59)	250mg (S) 101 € (R) 101 €
AIKAA-L4m		C ₁₉ H ₂₃ ClN ₄ O (358.87)	250mg (S) 89 € (R) 89 €
			500mg (S) 170 € (R) 170 €

AIKAA-L4n		C ₂₉ H ₂₇ ClN ₄ O (483.00)	250mg	(S) 93 € (R) 93 €
			500mg	(S) 180 € (R) 180 €
AIKAA-L4o		C ₁₉ H ₂₃ BrN ₄ O (403.32)	250mg	(S) 89 € (R) 89 €
			500mg	(S) 170 € (R) 170 €
AIKAA-L4p		C ₂₉ H ₂₇ BrN ₄ O (527.45)	250mg	(S) 93 € (R) 93 €
			500mg	(S) 180 € (R) 180 €

Chiral Ligands

AIKAA-L5a		C ₁₇ H ₂₀ N ₄ O (296.37)	250mg	(S) 99 € (R) 99 €
			500mg	(S) 190 € (R) 190 €
AIKAA-L5b		C ₂₇ H ₂₄ N ₄ O (420.51)	250mg	(S) 102 € (R) 102 €
			500mg	(S) 200 € (R) 200 €
AIKAA-L5c		C ₁₈ H ₂₂ N ₄ O ₂ (326.39)	250mg	(S) 100 € (R) 100 €
			500mg	(S) 195 € (R) 195 €

AlKAA-L5d		C ₂₈ H ₂₆ N ₄ O ₂ (450.53)	250mg (S) 102 € (R) 102 €
AlKAA-L5e		C ₂₁ H ₂₂ N ₄ O (346.43)	250mg (S) 102 € (R) 102 € 500mg (S) 200 € (R) 200 €
AlKAA-L5f		C ₃₁ H ₂₆ N ₄ O (470.56)	250mg (S) 106 € (R) 106 € 500mg (S) 205 € (R) 205 €
AlKAA-L5g		C ₁₅ H ₂₄ N ₄ O (276.38)	250mg (S) 100 € (R) 100 € 500mg (S) 195 € (R) 195 €
AlKAA-L5h		C ₂₅ H ₂₈ N ₄ O (400.52)	250mg (S) 102 € (R) 102 € 500mg (S) 200 € (R) 200 €
AlKAA-L5i		C ₂₃ H ₂₄ N ₄ O (372.46)	250mg (S) 99 € (R) 99 € 500mg (S) 194 € (R) 194 €

AIKAA-L5j		C ₃₃ H ₂₈ N ₄ O (496.60)	250mg (S) 103 € (R) 103 €
AIKAA-L5k		C ₁₈ H ₂₂ N ₄ O (310.39)	250mg (S) 90 € (R) 90 € 500mg (S) 172 € (R) 172 €
AIKAA-L5l		C ₂₈ H ₂₆ N ₄ O (434.53)	250mg (S) 93 € (R) 93 € 500mg (S) 176 € (R) 176 €
AIKAA-L5m		C ₁₇ H ₁₉ ClN ₄ O (330.81)	250mg (S) 88 € (R) 88 € 500mg (S) 169 € (R) 169 €
AIKAA-L5n		C ₂₇ H ₂₃ ClN ₄ O (454.95)	250mg (S) 91 € (R) 91 € 500mg (S) 171 € (R) 171 €
AIKAA-L5o		C ₁₇ H ₁₉ BrN ₄ O (375.26)	250mg (S) 88 € (R) 88 € 500mg (S) 169 € (R) 169 €

AIKAA-L5p		C ₂₇ H ₂₃ BrN ₄ O (499.40)	250mg	(S) 91 € (R) 91 €
			500mg	(S) 171 € (R) 171 €

Chiral Ligands

AIKAA-L6a		C ₁₈ H ₂₂ N ₄ O (310.39)	250mg	(S) 85 € (R) 85 €
			500mg	(S) 160 € (R) 160 €
AIKAA-L6b		C ₂₈ H ₂₆ N ₄ O (434.53)	250mg	(S) 90 € (R) 90 €
			500mg	(S) 170 € (R) 170 €
AIKAA-L6c		C ₁₉ H ₂₄ N ₄ O ₂ (340.42)	250mg	(S) 90 € (R) 90 €
			500mg	(S) 170 € (R) 170 €
AIKAA-L6d		C ₂₉ H ₂₈ N ₄ O ₂ (464.56)	250mg	(S) 93 € (R) 93 €
			500mg	(S) 172 € (R) 172 €
AIKAA-L6e		C ₂₂ H ₂₄ N ₄ O (360.45)	250mg	(S) 93 € (R) 93 €
			500mg	(S) 172 € (R) 172 €

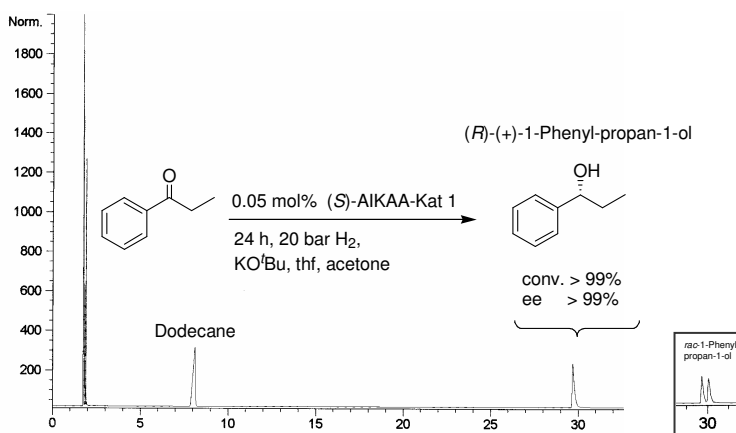
AIKAA-L6f		$C_{32}H_{28}N_4O$ (484.59)	250mg (S) 95 € (R) 95 €	500mg (S) 180 € (R) 180 €
AIKAA-L6g		$C_{16}H_{26}N_4O$ (290.40)	250mg (S) 90 € (R) 90 €	500mg (S) 170 € (R) 170 €
AIKAA-L6h		$C_{26}H_{30}N_4O$ (415.54)	250mg (S) 95 € (R) 95 €	500mg (S) 180 € (R) 180 €
AIKAA-L6i		$C_{24}H_{26}N_4O$ (386.49)	250mg (S) 93 € (R) 93 €	500mg (S) 174 € (R) 174 €
AIKAA-L6j		$C_{34}H_{30}N_4O$ (510.63)	250mg (S) 96 € (R) 96 €	500mg (S) 180 € (R) 180 €
AIKAA-L6k		$C_{19}H_{24}N_4O$ (324.42)	250mg (S) 87 € (R) 87 €	500mg (S) 160 € (R) 160 €

AIKAA-L6l		C ₂₉ H ₂₈ N ₄ O (448.56)	250mg (S) 91 € (R) 91 €	500mg (S) 170 € (R) 170 €
AIKAA-L6m		C ₁₈ H ₂₁ ClN ₄ O (344.84)	250mg (S) 91 € (R) 91 €	500mg (S) 170 € (R) 170 €
AIKAA-L6n		C ₂₈ H ₂₅ ClN ₄ O (468.98)	250mg (S) 98 € (R) 98 €	500mg (S) 182 € (R) 182 €
AIKAA-L6o		C ₁₈ H ₂₁ BrN ₄ O (389.29)	250mg (S) 91 € (R) 91 €	500mg (S) 170 € (R) 170 €
AIKAA-L6p		C ₂₈ H ₂₅ BrN ₄ O (513.43)	250mg (S) 98 € (R) 98 €	500mg (S) 182 € (R) 182 €

Chiral Catalysts (for Asymmetric Hydrogenation)

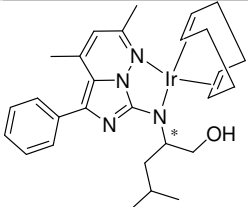
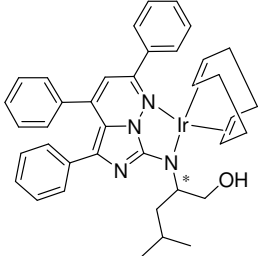
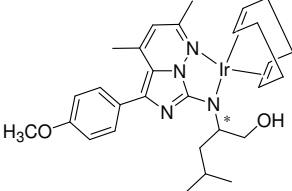
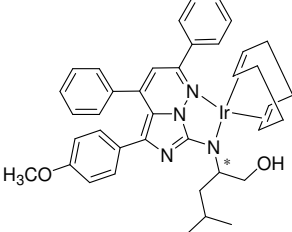
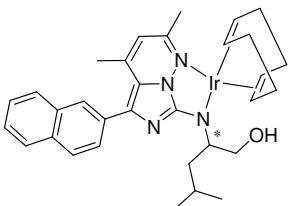
AIKAA's patented innovative chemo catalyst systems are simple in their structures. The modular nature ensures the introduction of a broad variety of substitution patterns.

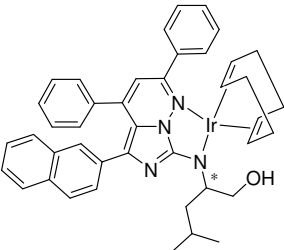
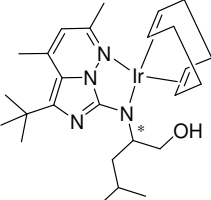
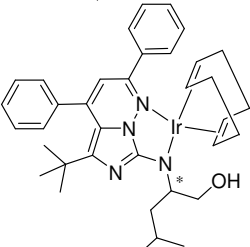
The catalysts are efficient and highly enantioselective in the hydrogenation of simple ketones.



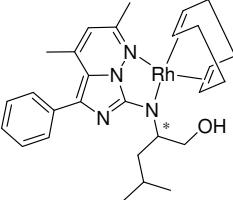
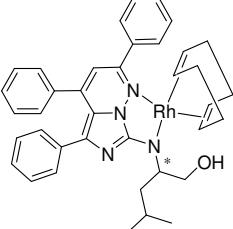
Excellent enantioselectivities were found for a variety of arylalkyl ketones (see table -Chiral Alcohols-). Additionally, an exceptional long time stability of the catalyst system based on (S)-AIKAA-Kat 1 was observed. Catalyst loading of 5 ppm led to 99 % ee and a conversion of 87 % within 504 h.

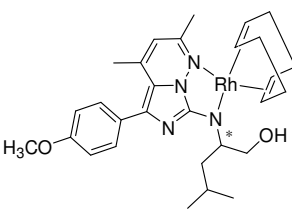
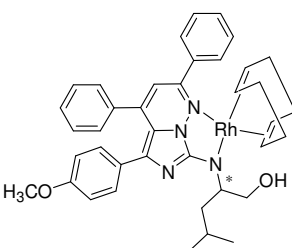
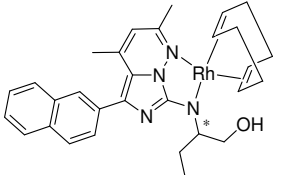
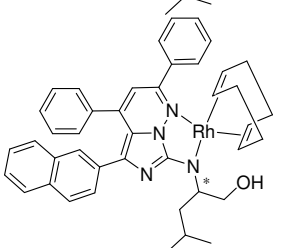
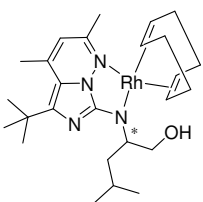
Chiral Catalysts - Iridium

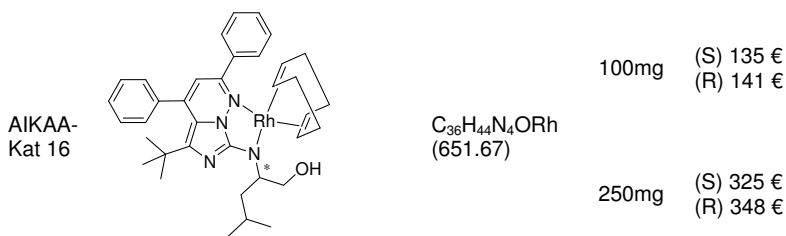
AlKAA- Kat 1		$C_{28}H_{36}IrN_4O$ (636.83)	100mg	(S) 95 € (R) 110 €
			250mg	(S) 220 € (R) 260 €
AlKAA- Kat 2		$C_{38}H_{40}IrN_4O$ (760.97)	100mg	(S) 95 € (R) 110 €
			250mg	(S) 220 € (R) 260 €
AlKAA- Kat 3		$C_{29}H_{38}IrN_4O_2$ (666.85)	100mg	(S) 110 € (R) 135 €
			250mg	(S) 260 € (R) 320 €
AlKAA- Kat 4		$C_{39}H_{42}IrN_4O_2$ (790.99)	100mg	(S) 110 € (R) 135 €
			250mg	(S) 260 € (R) 320 €
AlKAA- Kat 5		$C_{32}H_{38}IrN_4O$ (686.89)	100mg	(S) 115 € (R) 142 €
			250mg	(S) 270 € (R) 330 €

AlKAA- Kat 6		$C_{42}H_{42}IrN_4O$ (811.03)	100mg	(S) 115 € (R) 142 €
			250mg	(S) 270 € (R) 330 €
AlKAA- Kat 7		$C_{26}H_{40}IrN_4O$ (616.84)	100mg	(S) 98 € (R) 115 €
			250mg	(S) 225 € (R) 265 €
AlKAA- Kat 8		$C_{36}H_{44}IrN_4O$ (740.98)	100mg	(S) 98 € (R) 115 €
			250mg	(S) 225 € (R) 265 €

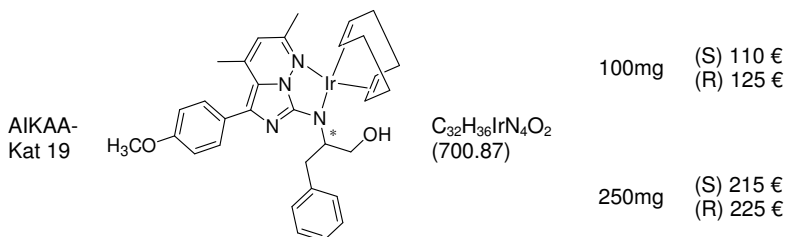
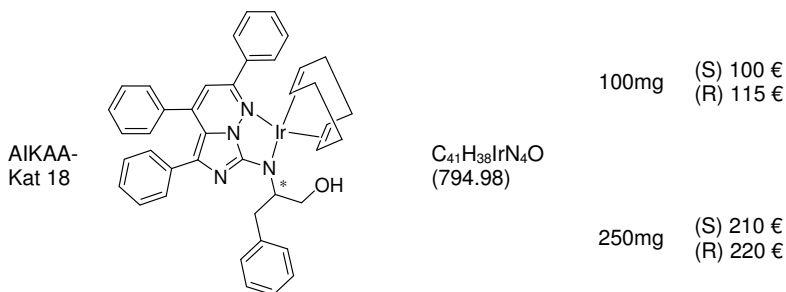
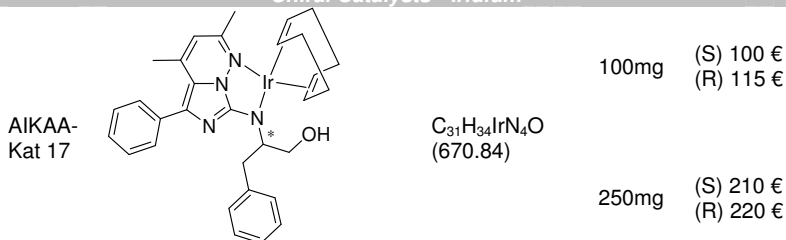
Chiral Catalysts - Rhodium

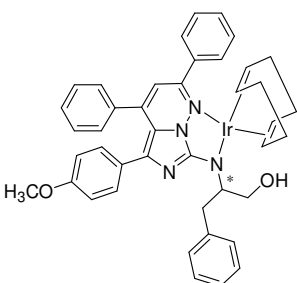
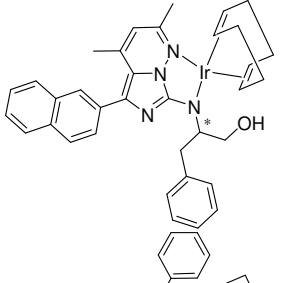
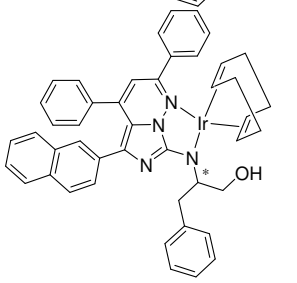
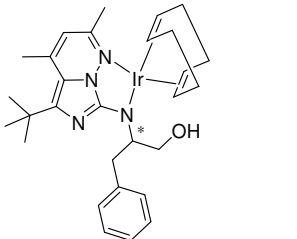
AlKAA- Kat 9		$C_{26}H_{36}N_4ORh$ (547.52)	100mg	(S) 130 € (R) 155 €
			250mg	(S) 300 € (R) 360 €
AlKAA- Kat 10		$C_{36}H_{40}N_4ORh$ (671.66)	100mg	(S) 130 € (R) 155 €
			250mg	(S) 300 € (R) 360 €

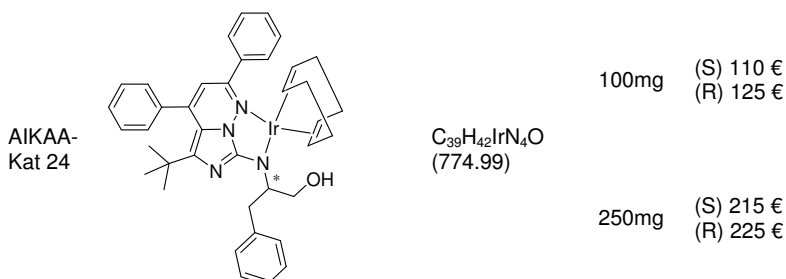
AlKAA-Kat 11		$C_{29}H_{38}N_4O_2Rh$ (577.54)	100mg (S) 155 € (R) 175 €
			250mg (S) 360 € (R) 405 €
AlKAA-Kat 12		$C_{39}H_{42}N_4O_2Rh$ (701.68)	100mg (S) 155 € (R) 175 €
			250mg (S) 360 € (R) 405 €
AlKAA-Kat 13		$C_{32}H_{38}N_4ORh$ (597.58)	100mg (S) 160 € (R) 180 €
			250mg (S) 385 € (R) 410 €
AlKAA-Kat 14		$C_{42}H_{42}N_4ORh$ (721.71)	100mg (S) 160 € (R) 180 €
			250mg (S) 385 € (R) 410 €
AlKAA-Kat 15		$C_{26}H_{40}N_4ORh$ (527.53)	100mg (S) 135 € (R) 141 €
			250mg (S) 325 € (R) 348 €



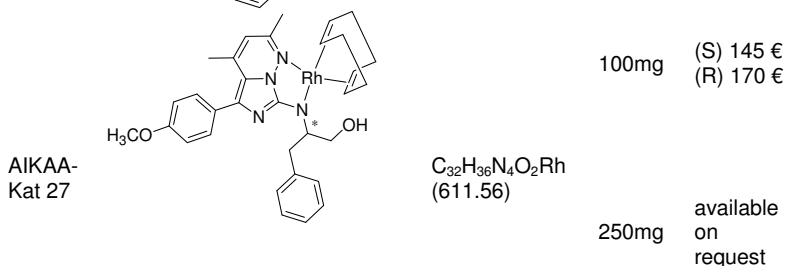
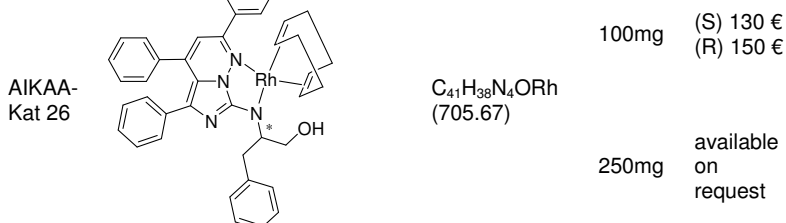
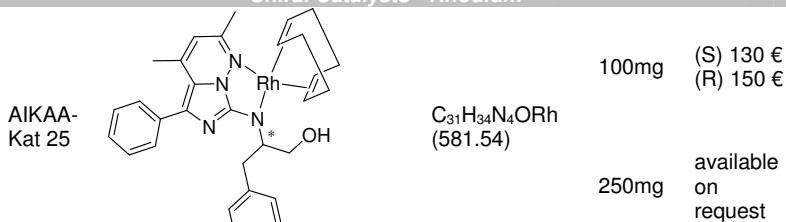
Chiral Catalysts - Iridium

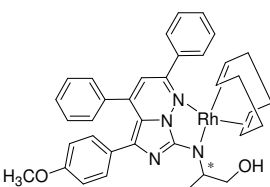
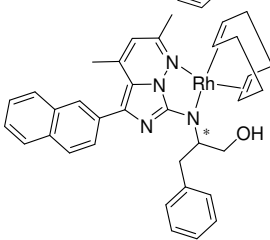
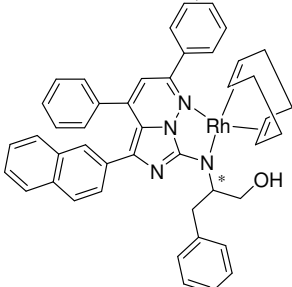
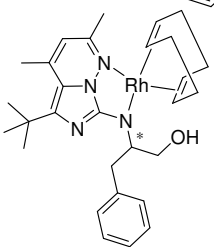


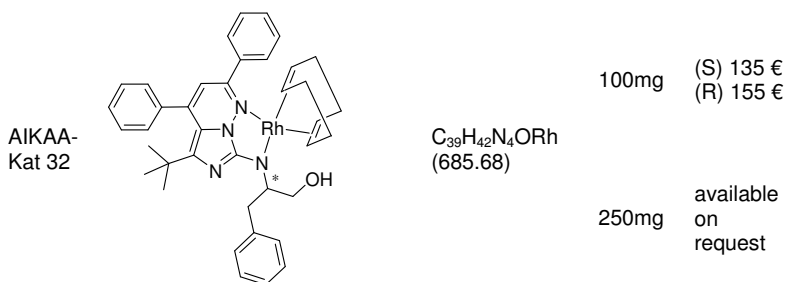
AIKAA- Kat 20		$C_{42}H_{40}IrN_4O_2$ (825.01)	100mg (S) 110 € (R) 125 €
			250mg (S) 215 € (R) 225 €
AIKAA- Kat 21		$C_{35}H_{36}IrN_4O$ (720.90)	100mg (S) 115 € (R) 130 €
			250mg (S) 220 € (R) 230 €
AIKAA- Kat 22		$C_{45}H_{40}IrN_4O$ (845.04)	100mg (S) 115 € (R) 130 €
			250mg (S) 220 € (R) 230 €
AIKAA- Kat 23		$C_{29}H_{38}IrN_4O$ (650.86)	100mg (S) 110 € (R) 125 €
			250mg (S) 215 € (R) 225 €



Chiral Catalysts - Rhodium

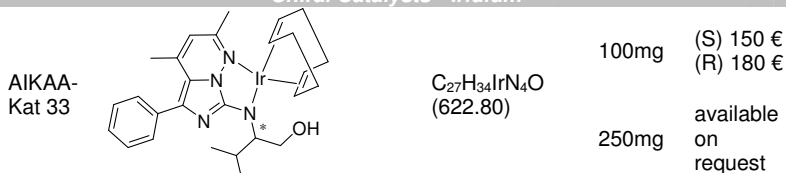


AIKAA-Kat 28		$C_{42}H_{40}N_4O_2Rh$ (735.70)	100mg (S) 145 € (R) 170 €
			250mg available on request
AIKAA-Kat 29		$C_{35}H_{36}N_4ORh$ (631.59)	100mg (S) 150 € (R) 180 €
			250mg available on request
AIKAA-Kat 30		$C_{45}H_{40}N_4ORh$ (755.73)	100mg (S) 150 € (R) 180 €
			250mg available on request
AIKAA-Kat 31		$C_{29}H_{38}N_4ORh$ (561.54)	100mg (S) 135 € (R) 155 €
			250mg available on request

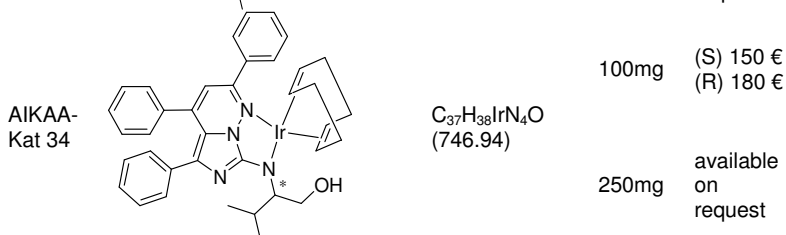


$C_{39}H_{42}N_4ORh$
(685.68)

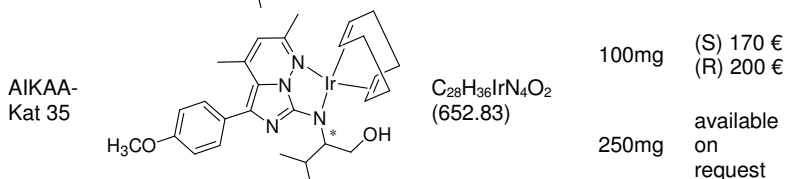
Chiral Catalysts - Iridium



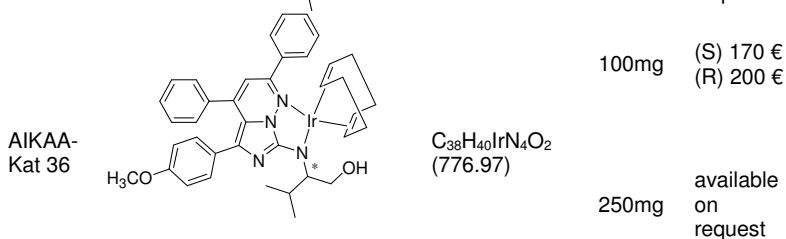
$C_{27}H_{34}IrN_4O$
(622.80)



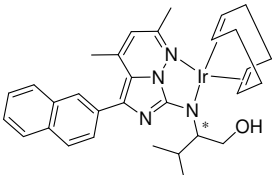
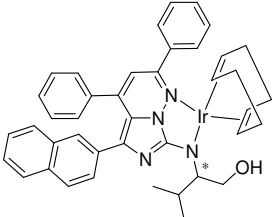
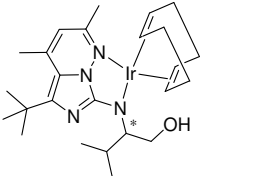
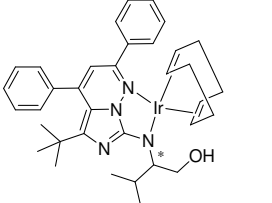
$C_{37}H_{38}IrN_4O$
(746.94)



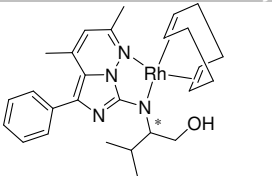
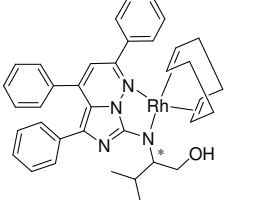
$C_{28}H_{36}IrN_4O_2$
(652.83)

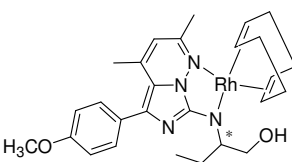
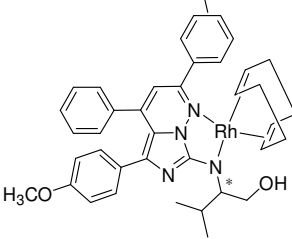
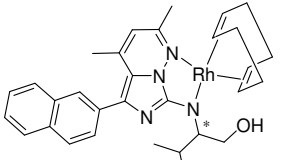
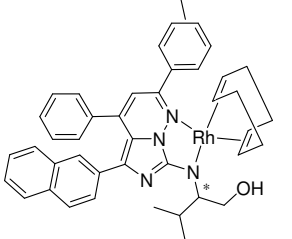
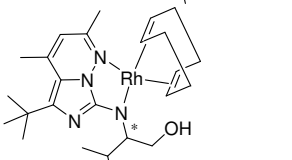
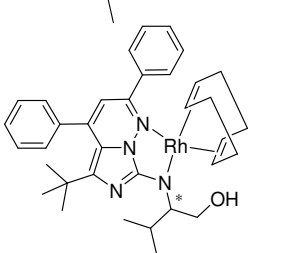


$C_{38}H_{40}IrN_4O_2$
(776.97)

AIKAA-Kat 37		C ₃₁ H ₃₆ IrN ₄ O (672.86)	100mg 250mg	(S) 175 € (R) 210 € available on request
AIKAA-Kat 38		C ₄₁ H ₄₀ IrN ₄ O (797.00)	100mg 250mg	(S) 175 € (R) 210 € available on request
AIKAA-Kat 39		C ₂₅ H ₃₈ IrN ₄ O (602.81)	100mg 250mg	(S) 155 € (R) 185 € available on request
AIKAA-Kat 40		C ₃₅ H ₄₂ IrN ₄ O (726.95)	100mg 250mg	(S) 155 € (R) 185 € available on request

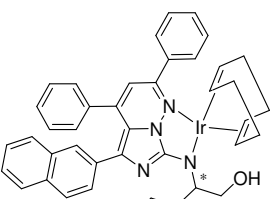
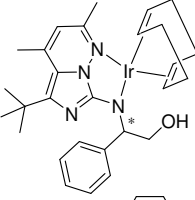
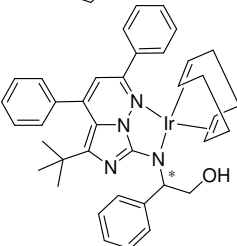
Chiral Catalysts - Rhodium

AIKAA-Kat 41		C ₂₇ H ₃₄ N ₄ ORh (533.49)	100mg 250mg	(S) 180 € (R) 210 € available on request
AIKAA-Kat 42		C ₃₇ H ₃₈ N ₄ ORh (657.63)	100mg 250mg	(S) 180 € (R) 210 € available on request

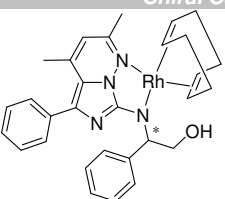
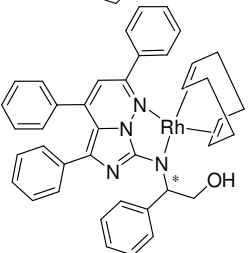
AIKAA-Kat 43		C ₂₈ H ₃₆ N ₄ O ₂ Rh (563.52)	100mg	(S) 200 € (R) 230 €
			250mg	available on request
AIKAA-Kat 44		C ₃₈ H ₄₀ N ₄ O ₂ Rh (687.66)	100mg	(S) 200 € (R) 230 €
			250mg	available on request
AIKAA-Kat 45		C ₃₁ H ₃₆ N ₄ ORh (583.55)	100mg	(S) 210 € (R) 240 €
			250mg	available on request
AIKAA-Kat 46		C ₄₁ H ₄₀ N ₄ ORh (707.69)	100mg	(S) 210 € (R) 240 €
			250mg	available on request
AIKAA-Kat 47		C ₂₅ H ₃₈ N ₄ ORh (513.50)	100mg	(S) 185 € (R) 215 €
			250mg	available on request
AIKAA-Kat 48		C ₃₅ H ₄₂ N ₄ ORh (637.64)	100mg	(S) 185 € (R) 215 €
			250mg	available on request

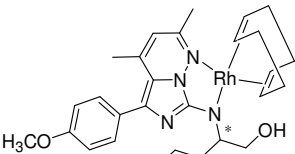
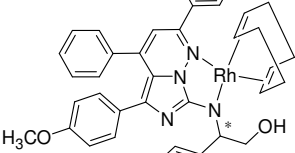
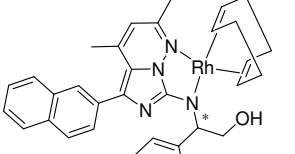
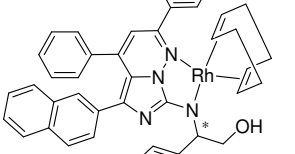
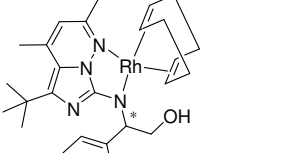
Chiral Catalysts - Iridium

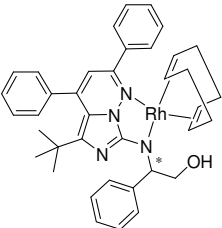
AIKAA-Kat 49		C ₃₀ H ₃₂ IrN ₄ O (656.82)	100mg (S) 150 € (R) 180 €
			250mg available on request
AIKAA-Kat 50		C ₄₀ H ₃₆ IrN ₄ O (780.96)	100mg (S) 150 € (R) 180 €
			250mg available on request
AIKAA-Kat 51		C ₃₁ H ₃₄ IrN ₄ O ₂ (686.84)	100mg (S) 170 € (R) 200 €
			250mg available on request
AIKAA-Kat 52		C ₄₁ H ₃₈ IrN ₄ O ₂ (810.98)	100mg (S) 170 € (R) 200 €
			250mg available on request
AIKAA-Kat 53		C ₃₄ H ₃₄ IrN ₄ O (706.88)	100mg (S) 175 € (R) 210 €
			250mg available on request

AIKAA-Kat 54		C ₄₄ H ₃₈ IrN ₄ O (831.02)	100mg (S) 175 € (R) 210 €
			250mg available on request
AIKAA-Kat 55		C ₂₈ H ₃₆ IrN ₄ O (636.83)	100mg (S) 155 € (R) 185 €
			250mg available on request
AIKAA-Kat 56		C ₃₈ H ₄₀ IrN ₄ O (760.97)	100mg (S) 155 € (R) 185 €
			250mg available on request

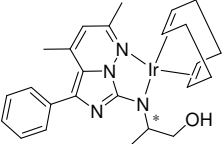
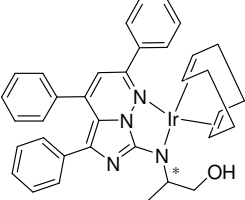
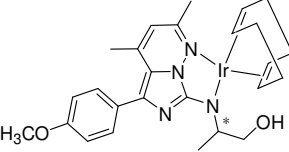
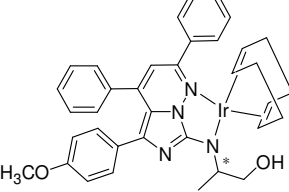
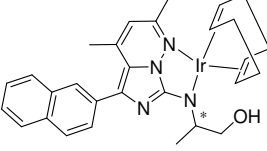
Chiral Catalysts - Rhodium

AIKAA-Kat 57		C ₃₀ H ₃₂ N ₄ ORh (567.51)	100mg (S) 180 € (R) 210 €
			250mg available on request
AIKAA-Kat 58		C ₄₀ H ₃₆ N ₄ ORh (691.65)	100mg (S) 180 € (R) 210 €
			250mg available on request

AlKAA-Kat 59		C ₃₁ H ₃₄ N ₄ O ₂ Rh (597.53)	100mg	(S) 200 € (R) 230 €
			250mg	available on request
AlKAA-Kat 60		C ₄₁ H ₃₈ N ₄ O ₂ Rh (721.67)	100mg	(S) 200 € (R) 230 €
			250mg	available on request
AlKAA-Kat 61		C ₃₄ H ₃₄ N ₄ ORh (617.57)	100mg	(S) 210 € (R) 240 €
			250mg	available on request
AlKAA-Kat 62		C ₄₄ H ₃₈ N ₄ ORh (741.70)	100mg	(S) 210 € (R) 240 €
			250mg	available on request
AlKAA-Kat 63		C ₂₈ H ₃₆ N ₄ ORh (547.52)	100mg	(S) 185 € (R) 215 €
			250mg	available on request

AlKAA- Kat 64		$C_{38}H_{40}N_4ORh$ (671.66)	100mg	(S) 185 € (R) 215 €
			250mg	available on request

Chiral Catalysts - Iridium

AlKAA- Kat 65		$C_{25}H_{30}IrN_4O$ (594.75)	100mg	(S) 155 € (R) 195 €
			250mg	available on request
AlKAA- Kat 66		$C_{35}H_{34}IrN_4O$ (718.89)	100mg	(S) 155 € (R) 195 €
			250mg	available on request
AlKAA- Kat 67		$C_{26}H_{32}IrN_4O_2$ (624.77)	100mg	(S) 160 € (R) 200 €
			250mg	available on request
AlKAA- Kat 68		$C_{36}H_{36}IrN_4O_2$ (748.91)	100mg	(S) 160 € (R) 200 €
			250mg	available on request
AlKAA- Kat 69		$C_{29}H_{32}IrN_4O$ (644.81)	100mg	(S) 160 € (R) 200 €
			250mg	available on request

AIKAA-Kat 70		C ₃₉ H ₃₆ IrN ₄ O (768.95)	100mg (S) 160 € (R) 200 €
			250mg available on request
AIKAA-Kat 71		C ₂₃ H ₃₄ IrN ₄ O (574.76)	100mg (S) 155 € (R) 195 €
			250mg available on request
AIKAA-Kat 72		C ₃₃ H ₃₈ IrN ₄ O (698.90)	100mg (S) 155 € (R) 195 €
			250mg available on request

Chiral Catalysts - Rhodium

AIKAA-Kat 73		C ₂₅ H ₃₀ N ₄ ORh (505.44)	100mg (S) 185 € (R) 225 €
			250mg available on request
AIKAA-Kat 74		C ₃₅ H ₃₄ N ₄ ORh (629.58)	100mg (S) 185 € (R) 225 €
			250mg available on request
AIKAA-Kat 75		C ₂₆ H ₃₂ N ₄ O ₂ Rh (535.46)	100mg (S) 190 € (R) 230 €
			250mg available on request

AlKAA-Kat 76		C ₃₆ H ₃₆ N ₄ O ₂ Rh (659.60)	100mg	(S) 190 € (R) 230 €
			250mg	available on request
AlKAA-Kat 77		C ₂₉ H ₃₂ N ₄ ORh (555.50)	100mg	(S) 190 € (R) 230 €
			250mg	available on request
AlKAA-Kat 78		C ₃₉ H ₃₆ N ₄ ORh (679.63)	100mg	(S) 190 € (R) 230 €
			250mg	available on request
AlKAA-Kat 79		C ₂₃ H ₃₄ N ₄ ORh (485.45)	100mg	(S) 185 € (R) 225 €
			250mg	available on request
AlKAA-Kat 80		C ₃₃ H ₃₈ N ₄ ORh (609.59)	100mg	(S) 185 € (R) 225 €
			250mg	available on request

Ligand-/Catalyst-Toolkit



Price: 489 €

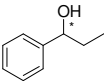
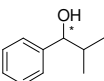
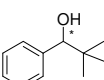
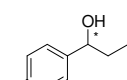
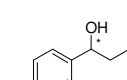
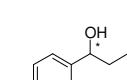
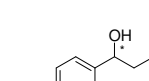
The ligands shown below are part of the AIKAA-Chemicals ligand-/catalyst-toolkit, but can additionally be purchased separately according to the listed prices (see table -Chiral Ligands-). For larger quantities of a ligand or another combination of ligands please contact us directly.

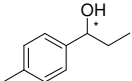
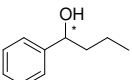
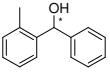
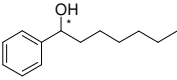
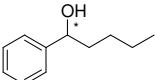
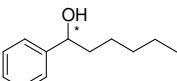
All the presented chiral alcohols in the catalogue were synthesized using catalysts generated from this ligand-/catalyst-toolkit.

<i>Ligand-/Catalyst-Toolkit</i>		
AIKAA-L1a	$C_{20}H_{26}N_4O$ (338.49)	250 mg
AIKAA-L1b	$C_{21}H_{28}N_4O_2$ (368.47)	250 mg
AIKAA-L1c	$C_{30}H_{30}N_4O$ (462.59)	250 mg

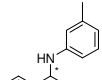
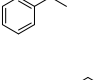
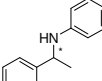
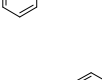
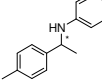
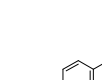
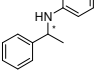
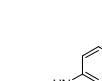
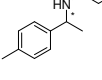
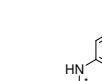
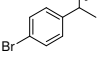
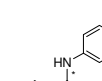
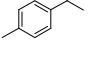

AlKAA-L1d	$C_{24}H_{28}N_4O$ (388.51)	250 mg
AlKAA-L2a	$C_{22}H_{22}N_4O$ (358.44)	250 mg
AlKAA-L3a	$C_{23}H_{24}N_4O$ (372.46)	100 mg
AlKAA-L4a	$C_{19}H_{24}N_4O$ (324.42)	100 mg
AlKAA-L5a	$C_{17}H_{20}N_4O$ (296.37)	100 mg
AlKAA-L6a	$C_{18}H_{22}N_4O$ (310.39)	50 mg
(1,5-Cyclooctadiene) (methoxy)iridium(I) dimer	$C_{18}H_{30}O_2Ir_2$ (662.44)	200 mg

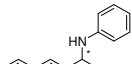

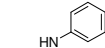

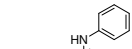

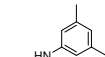

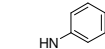

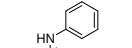

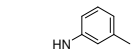

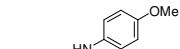

Chiral Alcohols

Chiral Alcohols					
Alk-01-(R)		99% ee	C ₉ H ₁₁ O (135.18)	1g	65 €
Alk-01-(S)				5g	295 €
Alk-02-(R)		99% ee	C ₁₀ H ₁₃ O (149.21)	1g	115 €
Alk-02-(S)				5g	355 €
Alk-03-(R)		99% ee	C ₁₁ H ₁₅ O (153.17)	1g	180 €
Alk-03-(S)				5g	800 €
Alk-04-(R)		97% ee	C ₉ H ₁₀ FO (169.63)	1g	55 €
Alk-04-(S)				5g	250 €
Alk-05-(R)		99% ee	C ₉ H ₁₀ ClO (169.63)	1g	60 €
Alk-05-(S)				5g	270 €
Alk-06-(R)		92% ee	C ₉ H ₁₀ BrO (214.09)	1g	55 €
Alk-06-(S)				5g	250 €
Alk-07-(R)		99% ee	C ₁₀ H ₁₃ O ₂ (165.21)	1g	45 €
Alk-07-(S)				5g	200 €
				1g	55 €
				5g	225 €

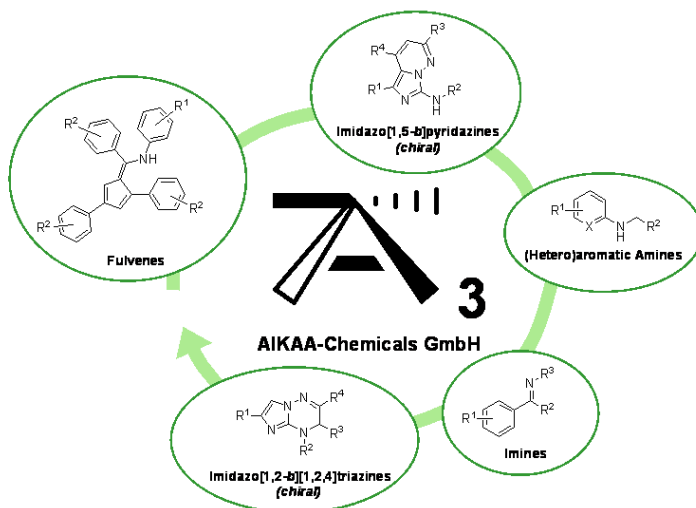
Alk-08-(R)		99% ee	C ₁₀ H ₁₃ O (149.21)	1g	45 €
Alk-08-(S)				5g	200 €
				1g	55 €
				5g	225 €
Alk-09-(R)		99% ee	C ₁₄ H ₁₃ O (149.21)	1g	45 €
Alk-09-(S)				5g	200 €
				1g	55 €
				5g	220 €
Alk-10-(R)		99% ee	C ₁₄ H ₁₃ O (149.21)	1g	70 €
Alk-10-(S)				5g	325 €
				1g	80 €
				5g	355 €
Alk-11-(R)		91% ee	C ₁₃ H ₁₉ O (191.29)	1g	25 €
Alk-11-(S)				5g	120 €
				1g	30 €
				5g	140 €
Alk-12-(R)		91% ee	C ₁₁ H ₁₅ O (163.24)	1g	30 €
Alk-12-(S)				5g	140 €
				1g	40 €
				5g	180 €
Alk-13-(R)		89% ee	C ₁₂ H ₁₇ O (177.26)	1g	25 €
Alk-13-(S)				5g	120 €
				1g	35 €
				5g	165 €

Chiral Amines

		<i>Chiral Amines</i>			
(R)-Am-01		89%	C ₁₅ H ₁₇ N	100mg 66 €	
(S)-Am-01		ee	(211.30)	500mg 150 €	
				100mg 66 €	
				500mg 150 €	
(R)-Am-02		90%	C ₁₄ H ₁₅ N	100mg 60 €	
(S)-Am-02		ee	(197.28)	500mg 140 €	
				100mg 60 €	
				500mg 140 €	
(R)-Am-03		86%	C ₁₅ H ₁₇ N	100mg 70 €	
(S)-Am-03		ee	(211.30)	500mg 155 €	
				100mg 70 €	
				500mg 155 €	
(R)-Am-04		82%	C ₁₅ H ₁₇ NO	100mg 68 €	
(S)-Am-04		ee	(227.30)	500mg 152 €	
				100mg 68 €	
				500mg 152 €	
(R)-Am-05		83%	C ₁₉ H ₂₅ N	100mg 88 €	
(S)-Am-05		ee	(267.41)	500mg 210 €	
				100mg 88 €	
				500mg 210 €	
(R)-Am-06		97%	C ₁₄ H ₁₄ BrN	100g 90 €	
(S)-Am-06		ee	(276.17)	500mg 215 €	
				100mg 90 €	
				500mg 215 €	
(R)-Am-07		73%	C ₁₆ H ₁₉ NO	100mg 86 €	
(S)-Am-07		ee	(241.33)	500mg 210 €	
				100mg 86 €	
				500mg 210 €	

(R)-Am-08		89%	$C_{18}H_{17}N$	100mg	78 €
(S)-Am-08		ee	(247.33)	500mg	190 €
(R)-Am-09		76%	$C_{15}H_{17}N$	100mg	60 €
(S)-Am-09		ee	(211.30)	500mg	190 €
(R)-Am-10		82%	$C_{16}H_{19}NO_2$	100mg	88 €
(S)-Am-10		ee	(257.14)	500mg	210 €
(R)-Am-11		91%	$C_{16}H_{19}N$	100mg	62 €
(S)-Am-11		ee	(225.33)	500mg	150 €
(R)-Am-12		57%	$C_{17}H_{21}N$	100mg	88 €
(S)-Am-12		ee	(239.36)	500mg	210 €
(R)-Am-13		74%	$C_{18}H_{23}N$	100mg	90 €
(S)-Am-13		ee	(253.38)	500mg	215 €
(R)-Am-14		87%	$C_{16}H_{19}N$	100mg	79 €
(S)-Am-14		ee	(225.33)	500mg	190 €
(R)-Am-15		57%	$C_{19}H_{19}NO$	100mg	60 €
(S)-Am-15		ee	(277.36)	500mg	140 €

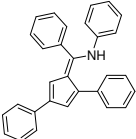
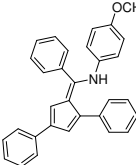
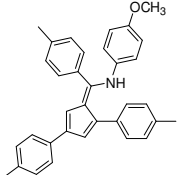
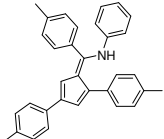
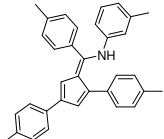
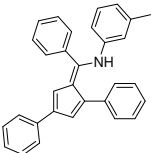
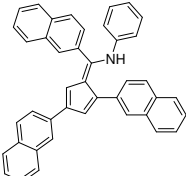
Fine Chemicals



Fulvenes

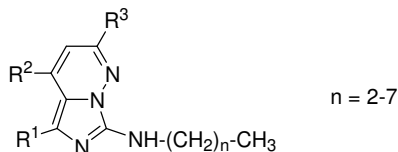
Fulvenes are an important class of ligands in organometallic chemistry and they are also key-intermediates for API syntheses. With a newly developed process we are able to prepare novel fulvenes that were hitherto not accessible by other synthetic pathways.

Fulvenes

AIKAA-Ful-01		$C_{30}H_{23}N$ (397.51)	0.5 g	142 €
AIKAA-Ful-02		$C_{31}H_{25}NO$ (427.54)	0.5 g	183 €
AIKAA-Ful-03		$C_{34}H_{31}NO$ (469.62)	0.5 g	285 €
AIKAA-Ful-04		$C_{33}H_{29}N$ (439.59)	0.5 g	266 €
AIKAA-Ful-05		$C_{34}H_{31}N$ (453.62)	0.5 g	304 €
AIKAA-Ful-06		$C_{31}H_{25}N$ (411.54)	0.5 g	164 €
AIKAA-Ful-07		$C_{42}H_{29}N$ (547.69)	0.5 g	390 €

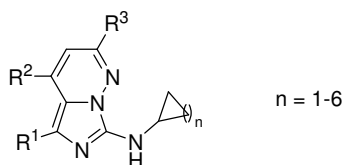
Imidazo[1,5-*b*]pyridazines

Alkyl-(2,4,5-alkyl/aryl-imidazo[1,5-*b*]pyridazin-7-yl)-amines



	R ¹	R ²	R ³
AIKAA-IP-1a	C ₆ H ₅	CH ₃	CH ₃
AIKAA-IP-1b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1c	4-Br-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-1d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1e	4-Cl-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-1f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-1h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-1j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-1l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1m	Naphthyl	CH ₃	CH ₃
AIKAA-IP-1n	Naphthyl	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-1o	C(CH ₃) ₃	CH ₃	CH ₃
AIKAA-IP-1p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅

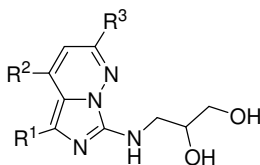
Cycloalkyl-(2,4,5-alkyl/aryl-imidazo[1,5-*b*]pyridazin-7-yl)-amines



	R ¹	R ²	R ³
AIKAA-IP-2a	C ₆ H ₅	CH ₃	CH ₃
AIKAA-IP-2b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2c	4-Br-C ₆ H ₄	CH ₃	CH ₃

AIKAA-IP-2d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2e	4-Cl-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-2f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-2h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-2j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-2l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2m	Naphthyl	CH ₃	CH ₃
AIKAA-IP-2n	Naphthyl	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-2o	C(CH ₃) ₃	CH ₃	CH ₃
AIKAA-IP-2p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅

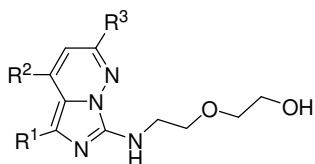
3-(2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-ylamino)-propan-1,2-diols



	R ¹	R ²	R ³	Formular (FW)
AIKAA-OH-01	C ₆ H ₅	CH ₃	CH ₃	C ₁₇ H ₂₀ N ₄ O ₂ (312.37)
AIKAA-OH-02	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₄ N ₄ O ₂ (436.51)
AIKAA-OH-03	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₉ BrN ₄ O ₂ (391.26)
AIKAA-OH-04	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₃ BrN ₄ O ₂ (515.40)
AIKAA-OH-05	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₉ ClN ₄ O ₂ (346.81)
AIKAA-OH-06	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₃ ClN ₄ O ₂ (470.95)
AIKAA-OH-07	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₂₂ N ₄ O ₃ (342.39)
AIKAA-OH-08	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₆ N ₄ O ₃ (466.53)
AIKAA-OH-09	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₂₂ N ₄ O ₂ (326.39)
AIKAA-OH-10	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₆ N ₄ O ₂ (450.53)

AIKAA-OH-11	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₃ H ₂₄ N ₄ O ₂ (388.46)
AIKAA-OH-12	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₂₈ N ₄ O ₂ (512.60)
AIKAA-OH-13	Naphthyl	CH ₃	CH ₃	C ₂₁ H ₂₂ N ₄ O ₂ (362.42)
AIKAA-OH-14	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₆ N ₄ O ₂ (486.56)
AIKAA-OH-15	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₅ H ₂₄ N ₄ O ₂ (292.38)
AIKAA-OH-16	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₅ H ₂₈ N ₄ O ₂ (416.52)

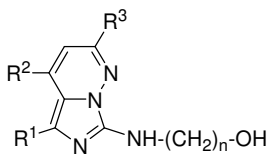
2-[2-(2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-ylamino)-ethoxy]-ethanols



	R ¹	R ²	R ³	Formular (FW)
AIKAA-OH-17	C ₆ H ₅	CH ₃	CH ₃	C ₁₈ H ₂₂ N ₄ O ₂ (326.39)
AIKAA-OH-18	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₆ N ₄ O ₂ (450.53)
AIKAA-OH-19	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₂₁ BrN ₄ O ₂ (405.29)
AIKAA-OH-20	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₅ ClN ₄ O ₂ (529.43)
AIKAA-OH-21	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₂₁ ClN ₄ O ₂ (360.84)
AIKAA-OH-22	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₅ ClN ₄ O ₂ (484.98)
AIKAA-OH-23	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₄ N ₄ O ₃ (356.42)
AIKAA-OH-24	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₈ N ₄ O ₃ (480.56)
AIKAA-OH-25	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₄ N ₄ O ₂ (340.42)
AIKAA-OH-26	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₈ N ₄ O ₂ (464.56)

AIKAA-OH-27	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₄ H ₂₆ N ₄ O ₂ (402.49)
AIKAA-OH-28	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₄ H ₃₀ N ₄ O ₂ (526.63)
AIKAA-OH-29	Naphthyl	CH ₃	CH ₃	C ₂₂ H ₂₄ N ₄ O ₂ (376.45)
AIKAA-OH-30	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₈ N ₄ O ₂ (500.59)
AIKAA-OH-31	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₆ H ₂₆ N ₄ O ₂ (306.40)
AIKAA-OH-32	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₆ H ₃₀ N ₄ O ₂ (430.54)

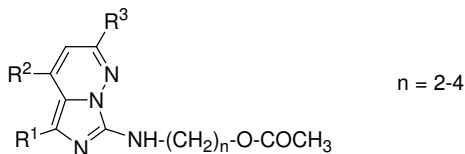
**(2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-ylamino)-
alcohols**



n = 2-4

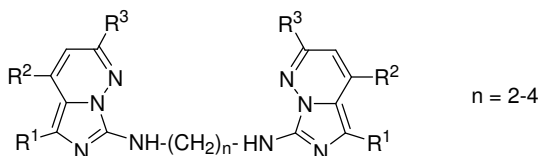
	R ¹	R ²	R ³
AIKAA-OH-33	C ₆ H ₅	CH ₃	CH ₃
AIKAA-OH-34	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-35	4-Br-C ₆ H ₄	CH ₃	CH ₃
AIKAA-OH-36	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-37	4-Cl-C ₆ H ₄	CH ₃	CH ₃
AIKAA-OH-38	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-39	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃
AIKAA-OH-40	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-41	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-OH-42	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-43	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-OH-44	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-45	Naphthyl	CH ₃	CH ₃
AIKAA-OH-46	Naphthyl	C ₆ H ₅	C ₆ H ₅
AIKAA-OH-47	C(CH ₃) ₃	CH ₃	CH ₃
AIKAA-OH-48	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅

Acetic acid-3-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-ylamino)-alkyl-esters



	R ¹	R ²	R ³
AIKAA-IP-3a	C ₆ H ₅	CH ₃	CH ₃
AIKAA-IP-3b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3c	4-Br-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-3d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3e	4-Cl-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-3f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-3h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-3j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-3l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3m	Naphthyl	CH ₃	CH ₃
AIKAA-IP-3n	Naphthyl	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-3o	C(CH ₃) ₃	CH ₃	CH ₃
AIKAA-IP-3p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅

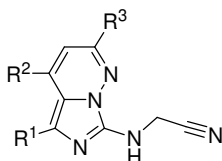
N,N'-Bis-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-alkyl-diamines



	R ¹	R ²	R ³
AIKAA-BIP-1a	C ₆ H ₅	CH ₃	CH ₃
AIKAA-BIP-1b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅
AIKAA-BIP-1c	4-Br-C ₆ H ₄	CH ₃	CH ₃
AIKAA-BIP-1d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅

AIKAA-BIP-1e	4-Cl-C ₆ H ₄	CH ₃	CH ₃
AIKAA-BIP-1f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-BIP-1g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃
AIKAA-BIP-1h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-BIP-1i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-BIP-1j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-BIP-1k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-BIP-1l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-BIP-1m	Naphthyl	CH ₃	CH ₃
AIKAA-BIP-1n	Naphthyl	C ₆ H ₅	C ₆ H ₅
AIKAA-BIP-1o	C(CH ₃) ₃	CH ₃	CH ₃
AIKAA-BIP-1p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅

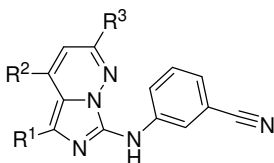
(2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-yl)-acetonitriles



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-4a	C ₆ H ₅	CH ₃	CH ₃	C ₁₆ H ₁₅ N ₅ (277.32)
AIKAA-IP-4b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₆ H ₁₉ N ₅ (401.46)
AIKAA-IP-4c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₆ H ₁₄ BrN ₅ (356.22)
AIKAA-IP-4d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₆ H ₁₈ BrN ₅ (480.36)
AIKAA-IP-4e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₆ H ₁₄ ClN ₅ (311.77)
AIKAA-IP-4f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₆ H ₁₈ ClN ₅ (435.91)
AIKAA-IP-4g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₇ N ₅ O (307.35)
AIKAA-IP-4h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₁ N ₅ O (431.49)
AIKAA-IP-4i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₇ N ₅ (291.35)
AIKAA-IP-4j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₁ N ₅ (415.49)
AIKAA-IP-4k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₁₉ N ₅ (353.42)
AIKAA-IP-4l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₃ N ₅ (477.56)

AIKAA-IP-4m	Naphthyl	CH ₃	CH ₃	C ₂₀ H ₁₇ N ₅ (327.38)
AIKAA-IP-4n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₁ N ₅ (451.52)
AIKAA-IP-4o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₄ H ₁₉ N ₅ (257.33)
AIKAA-IP-4p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₄ H ₂₃ N ₅ (381.47)

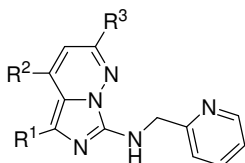
**(2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-yl)-
benzonitriles**



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-5a	C ₆ H ₅	CH ₃	CH ₃	C ₂₁ H ₁₇ N ₅ (339.15)
AIKAA-IP-5b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₁ N ₅ (463.53)
AIKAA-IP-5c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₁₆ BrN ₅ (418.29)
AIKAA-IP-5d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₀ BrN ₅ (542.43)
AIKAA-IP-5e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₁₆ ClN ₅ (373.84)
AIKAA-IP-5f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₀ ClN ₅ (497.98)
AIKAA-IP-5g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₁₉ N ₅ O (369.42)
AIKAA-IP-5h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₃ N ₅ O (493.56)
AIKAA-IP-5i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₁₉ N ₅ (353.42)
AIKAA-IP-5j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₃ N ₅ (477.56)
AIKAA-IP-5k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₇ H ₂₁ N ₅ (415.49)
AIKAA-IP-5l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₇ H ₂₅ N ₅ (539.63)

AIKAA-IP-5m	Naphthyl	CH ₃	CH ₃	C ₂₅ H ₁₉ N ₅ (389.45)
AIKAA-IP-5n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₅ H ₂₃ N ₅ (513.59)
AIKAA-IP-5o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₉ H ₂₁ N ₅ (319.40)
AIKAA-IP-5p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₅ N ₅ (443.45)

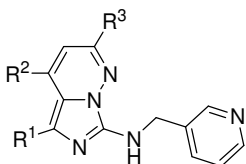
Pyridin-2-ylmethyl-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-6a	C ₆ H ₅	CH ₃	CH ₃	C ₂₀ H ₁₉ N ₅ (329.14)
AIKAA-IP-6b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₃ N ₅ (453.54)
AIKAA-IP-6c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₁₈ BrN ₅ (408.29)
AIKAA-IP-6d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₂ BrN ₅ (532.43)
AIKAA-IP-6e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₁₈ ClN ₅ (363.84)
AIKAA-IP-6f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₂ ClN ₅ (487.98)
AIKAA-IP-6g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₁ N ₅ O (359.49)
AIKAA-IP-6h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₅ N ₅ O (483.56)
AIKAA-IP-6i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₁ N ₅ (343.42)
AIKAA-IP-6j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₅ N ₅ (467.56)
AIKAA-IP-6k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₆ H ₂₃ N ₅ (405.49)
AIKAA-IP-6l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₂₇ N ₅ (529.63)

AIKAA-IP-6m	Naphthyl	CH ₃	CH ₃	C ₂₄ H ₂₁ N ₅ (379.46)
AIKAA-IP-6n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₄ H ₂₅ N ₅ (503.60)
AIKAA-IP-6o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₈ H ₂₃ N ₅ (309.41)
AIKAA-IP-6p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₇ N ₅ (433.55)

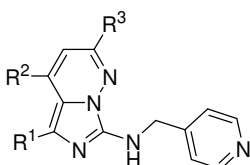
Pyridin-3-ylmethyl-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-7a	C ₆ H ₅	CH ₃	CH ₃	C ₂₀ H ₁₉ N ₅ (329.14)
AIKAA-IP-7b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₃ N ₅ (453.54)
AIKAA-IP-7c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₁₈ BrN ₅ (408.29)
AIKAA-IP-7d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₂ BrN ₅ (532.43)
AIKAA-IP-7e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₁₈ ClN ₅ (363.84)
AIKAA-IP-7f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₂ ClN ₅ (487.98)
AIKAA-IP-7g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₁ N ₅ O (359.49)
AIKAA-IP-7h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₅ N ₅ O (483.56)
AIKAA-IP-7i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₁ N ₅ (343.42)
AIKAA-IP-7j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₅ N ₅ (467.56)
AIKAA-IP-7k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₆ H ₂₃ N ₅ (405.49)
AIKAA-IP-7l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₂₇ N ₅ (529.63)

AIKAA-IP-7m	Naphthyl	CH ₃	CH ₃	C ₂₄ H ₂₁ N ₅ (379.46)
AIKAA-IP-7n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₄ H ₂₅ N ₅ (503.60)
AIKAA-IP-7o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₈ H ₂₃ N ₅ (309.41)
AIKAA-IP-7p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₇ N ₅ (433.55)

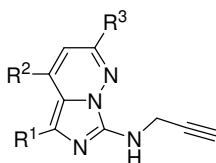
Pyridin-4-ylmethyl-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-8a	C ₆ H ₅	CH ₃	CH ₃	C ₂₀ H ₁₉ N ₅ (329.14)
AIKAA-IP-8b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₃ N ₅ (453.54)
AIKAA-IP-8c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₁₈ BrN ₅ (408.29)
AIKAA-IP-8d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₂ BrN ₅ (532.43)
AIKAA-IP-8e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₁₈ ClN ₅ (363.84)
AIKAA-IP-8f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₂ ClN ₅ (487.98)
AIKAA-IP-8g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₁ N ₅ O (359.49)
AIKAA-IP-8h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₅ N ₅ O (483.56)
AIKAA-IP-8i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₁ N ₅ (343.42)
AIKAA-IP-8j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₅ N ₅ (467.56)
AIKAA-IP-8k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₆ H ₂₃ N ₅ (405.49)
AIKAA-IP-8l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₂₇ N ₅ (529.63)

AIKAA-IP-8m	Naphthyl	CH ₃	CH ₃	C ₂₄ H ₂₁ N ₅ (379.46)
AIKAA-IP-8n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₄ H ₂₅ N ₅ (503.60)
AIKAA-IP-8o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₈ H ₂₃ N ₅ (309.41)
AIKAA-IP-8p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₇ N ₅ (433.55)

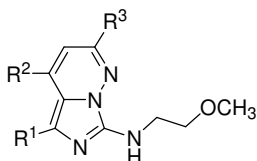
Prop-2-ynyl-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-9a	C ₆ H ₅	CH ₃	CH ₃	C ₁₇ H ₁₆ N ₄ (276.34)
AIKAA-IP-9b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₀ N ₄ (400.47)
AIKAA-IP-9c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₅ BrN ₄ (355.23)
AIKAA-IP-9d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₁₉ BrN ₄ (479.37)
AIKAA-IP-9e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₅ ClN ₄ (310.78)
AIKAA-IP-9f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₁₉ ClN ₄ (434.92)
AIKAA-IP-9g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₁₈ N ₄ O (306.36)
AIKAA-IP-9h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₂ N ₄ O (430.50)
AIKAA-IP-9i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₁₈ N ₄ (290.36)
AIKAA-IP-9j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₂ N ₄ (414.50)
AIKAA-IP-9k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₃ H ₂₀ N ₄ (352.43)
AIKAA-IP-9l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₂₄ N ₄ (476.57)
AIKAA-IP-9m	Naphthyl	CH ₃	CH ₃	C ₂₁ H ₁₈ N ₄ (326.39)

AIKAA-IP-9n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₂ N ₄ (450.53)
AIKAA-IP-9o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₅ H ₂₀ N ₄ (256.35)
AIKAA-IP-9p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₅ H ₂₄ N ₄ (380.48)

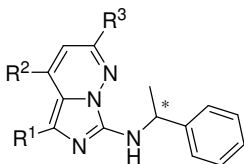
(2-Methoxy-ethyl)-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-10a	C ₆ H ₅	CH ₃	CH ₃	C ₁₇ H ₂₀ N ₄ O (296.37)
AIKAA-IP-10b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₄ N ₄ O (420.51)
AIKAA-IP-10c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₉ BrN ₄ O (375.26)
AIKAA-IP-10d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₃ BrN ₄ O (499.40)
AIKAA-IP-10e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₇ H ₁₉ ClN ₄ O (330.81)
AIKAA-IP-10f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₂₃ ClN ₄ O (454.95)
AIKAA-IP-10g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₂₂ N ₄ O ₂ (326.39)
AIKAA-IP-10h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₆ N ₄ O ₂ (450.53)
AIKAA-IP-10i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₂₂ N ₄ O (310.39)
AIKAA-IP-10j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₆ N ₄ O (434.53)
AIKAA-IP-10k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₃ H ₂₄ N ₄ O (372.46)
AIKAA-IP-10l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₂₈ N ₄ O (496.60)
AIKAA-IP-10m	Naphthyl	CH ₃	CH ₃	C ₂₁ H ₂₂ N ₄ O (346.43)
AIKAA-IP-10n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₆ N ₄ O (470.56)
AIKAA-IP-10o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₅ H ₂₄ N ₄ O (276.38)

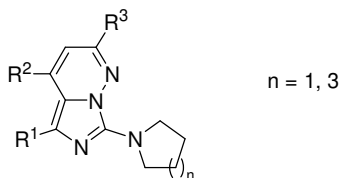
AIKAA-IP-10p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₅ H ₂₆ N ₄ O (400.52)
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(R)- or (S)-(1-Phenyl-ethyl)-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



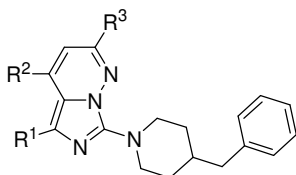
	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-11a	C ₆ H ₅	CH ₃	CH ₃	C ₂₂ H ₂₂ N ₄ (342.44)
AIKAA-IP-11b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₆ N ₄ (466.58)
AIKAA-IP-11c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₂₁ BrN ₄ (421.33)
AIKAA-IP-11d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₅ BrN ₄ (545.47)
AIKAA-IP-11e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₂₁ ClN ₄ (376.88)
AIKAA-IP-11f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₅ ClN ₄ (501.02)
AIKAA-IP-11g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₃ H ₂₄ N ₄ O (372.46)
AIKAA-IP-11h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₂₈ N ₄ O (496.60)
AIKAA-IP-11i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₃ H ₂₄ N ₄ (356.46)
AIKAA-IP-11j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₂₈ N ₄ (480.60)
AIKAA-IP-11k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₈ H ₂₆ N ₄ (418.53)
AIKAA-IP-11l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₈ H ₃₀ N ₄ (542.67)
AIKAA-IP-11m	Naphthyl	CH ₃	CH ₃	C ₂₆ H ₂₄ N ₄ (392.50)
AIKAA-IP-11n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₂₈ N ₄ (516.63)
AIKAA-IP-11o	C(CH ₃) ₃	CH ₃	CH ₃	C ₂₀ H ₂₆ N ₄ (322.45)
AIKAA-IP-11p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₃₀ N ₄ (446.59)

2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazines



	R ¹	R ²	R ³
AIKAA-IP-12a	C ₆ H ₅	CH ₃	CH ₃
AIKAA-IP-12b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12c	4-Br-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-12d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12e	4-Cl-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-12f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-12h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-12j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃
AIKAA-IP-12l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12m	Naphthyl	CH ₃	CH ₃
AIKAA-IP-12n	Naphthyl	C ₆ H ₅	C ₆ H ₅
AIKAA-IP-12o	C(CH ₃) ₃	CH ₃	CH ₃
AIKAA-IP-12p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅

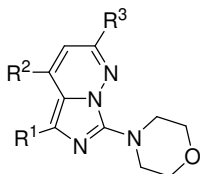
7-(4-Benzyl-piperidin-1-yl)-2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-13a	C ₆ H ₅	CH ₃	CH ₃	C ₂₆ H ₂₈ N ₄ (396.53)

AIKAA-IP-13b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₃₂ N ₄ (520.67)
AIKAA-IP-13c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₆ H ₂₇ BrN ₄ (475.42)
AIKAA-IP-13d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₃₁ BrN ₄ (599.56)
AIKAA-IP-13e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₆ H ₂₇ ClN ₄ (430.97)
AIKAA-IP-13f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₆ H ₃₁ ClN ₄ (555.11)
AIKAA-IP-13g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₇ H ₃₀ N ₄ O (426.55)
AIKAA-IP-13h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₇ H ₃₄ N ₄ O (550.69)
AIKAA-IP-13i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₇ H ₃₀ N ₄ (410.55)
AIKAA-IP-13j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₇ H ₃₄ N ₄ (534.69)
AIKAA-IP-13k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₃₂ H ₃₂ N ₄ (472.62)
AIKAA-IP-13l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₄₂ H ₃₆ N ₄ (596.76)
AIKAA-IP-13m	Naphthyl	CH ₃	CH ₃	C ₃₀ H ₃₀ N ₄ (446.59)
AIKAA-IP-13n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₄₀ H ₃₄ N ₄ (570.72)
AIKAA-IP-13o	C(CH ₃) ₃	CH ₃	CH ₃	C ₂₄ H ₃₂ N ₄ (376.54)
AIKAA-IP-13p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₃₄ H ₃₆ N ₄ (500.68)

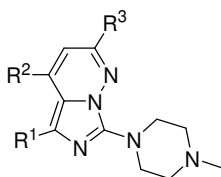
2,4,5-Alkyl/Aryl-7-morpholin-4-yl-imidazo[1,5-b]pyridazines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-14a	C ₆ H ₅	CH ₃	CH ₃	C ₁₈ H ₂₀ N ₄ O (308.38)

AIKAA-IP-14b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₄ N ₄ O (432.52)
AIKAA-IP-14c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₁₉ BrN ₄ O (387.27)
AIKAA-IP-14d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₃ BrN ₄ O (511.41)
AIKAA-IP-14e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₈ H ₁₉ ClN ₄ O (342.82)
AIKAA-IP-14f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₈ H ₂₃ ClN ₄ O (466.96)
AIKAA-IP-14g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₂ N ₄ O ₂ (338.40)
AIKAA-IP-14h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₆ N ₄ O ₂ (462.54)
AIKAA-IP-14i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₂ N ₄ O (322.40)
AIKAA-IP-14j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₆ N ₄ O (446.54)
AIKAA-IP-14k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₄ H ₂₄ N ₄ O (384.47)
AIKAA-IP-14l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₄ H ₂₈ N ₄ O (508.61)
AIKAA-IP-14m	Naphthyl	CH ₃	CH ₃	C ₂₂ H ₂₂ N ₄ O (358.44)
AIKAA-IP-14n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₂₆ N ₄ O (482.58)
AIKAA-IP-14o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₆ H ₂₄ N ₄ O (288.39)
AIKAA-IP-14p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₆ H ₂₈ N ₄ O (412.53)

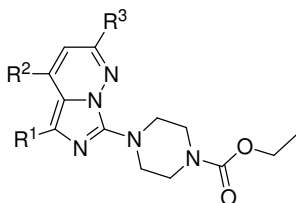
2,4,5-Alkyl/Aryl-7-(4-methyl-piperazin-1-yl)-imidazo[1,5-b]pyridazines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-15a	C ₆ H ₅	CH ₃	CH ₃	C ₁₉ H ₂₃ N ₅ (321.42)
AIKAA-IP-15b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₇ N ₅ (445.56)

AIKAA-IP-15c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₂ BrN ₅ (400.32)
AIKAA-IP-15d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₆ BrN ₅ (524.45)
AIKAA-IP-15e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₂ ClN ₅ (355.86)
AIKAA-IP-15f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₆ ClN ₅ (480.00)
AIKAA-IP-15g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₂₅ N ₅ O (351.45)
AIKAA-IP-15h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₉ N ₅ O (475.58)
AIKAA-IP-15i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₂₅ N ₅ (335.45)
AIKAA-IP-15j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₂₉ N ₅ (459.58)
AIKAA-IP-15k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₅ H ₂₇ N ₅ (397.52)
AIKAA-IP-15l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₅ H ₃₁ N ₅ (521.65)
AIKAA-IP-15m	Naphthyl	CH ₃	CH ₃	C ₂₃ H ₂₅ N ₅ (371.48)
AIKAA-IP-15n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₂₉ N ₅ (495.62)
AIKAA-IP-15o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₇ H ₂₇ N ₅ (301.43)
AIKAA-IP-15p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₃₁ N ₅ (425.57)

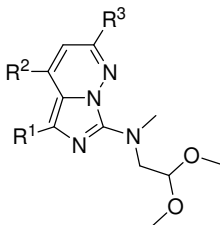
**4-(2,4,5-Alkyl/Aryl-imidazo[1,5-b]pyridazin-7-yl)-
piperazine-1-carboxylic acid ethyl esters**



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-16a	C ₆ H ₅	CH ₃	CH ₃	C ₂₁ H ₂₅ N ₅ O ₂ (379.46)
AIKAA-IP-16b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₉ N ₅ O ₂ (503.59)

AIKAA-IP-16c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₄ BrN ₅ O ₂ (458.35)
AIKAA-IP-16d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₈ BrN ₅ O ₂ (582.49)
AIKAA-IP-16e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₂₁ H ₂₄ ClN ₅ O ₂ (413.90)
AIKAA-IP-16f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₁ H ₂₈ ClN ₅ O ₂ (538.04)
AIKAA-IP-16g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₂₇ N ₅ O ₃ (409.48)
AIKAA-IP-16h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₃₁ N ₅ O ₃ (533.62)
AIKAA-IP-16i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₂ H ₂₇ N ₅ O ₂ (393.48)
AIKAA-IP-16j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₂ H ₃₁ N ₅ O ₂ (517.62)
AIKAA-IP-16k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₇ H ₂₉ N ₅ O ₂ (455.55)
AIKAA-IP-16l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₇ H ₃₃ N ₅ O ₂ (579.69)
AIKAA-IP-16m	Naphthyl	CH ₃	CH ₃	C ₂₅ H ₂₇ N ₅ O ₂ (429.51)
AIKAA-IP-16n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₅ H ₃₁ N ₅ O ₂ (553.65)
AIKAA-IP-16o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₉ H ₂₉ N ₅ O ₂ (359.47)
AIKAA-IP-16p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₃₃ N ₅ O ₂ (483.60)

(2,2-Dimethoxy-ethyl)-methyl-(2,4,5-alkyl/aryl-imidazo[1,5-b]pyridazin-7-yl)-amines



	R ¹	R ²	R ³	Formular (FW)
AIKAA-IP-17a	C ₆ H ₅	CH ₃	CH ₃	C ₁₉ H ₂₄ N ₄ O ₂ (340.42)
AIKAA-IP-17b	C ₆ H ₅	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₈ N ₄ O ₂ (464.56)

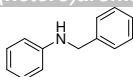
AIKAA-IP-17c	4-Br-C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₃ BrN ₄ O ₂ (419.32)
AIKAA-IP-17d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₇ BrN ₄ O ₂ (543.45)
AIKAA-IP-17e	4-Cl-C ₆ H ₄	CH ₃	CH ₃	C ₁₉ H ₂₃ ClN ₄ O ₂ (374.86)
AIKAA-IP-17f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₂₉ H ₂₇ ClN ₄ O ₂ (499.00)
AIKAA-IP-17g	4-CH ₃ O-C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₂₆ N ₄ O ₃ (370.45)
AIKAA-IP-17h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₃₀ N ₄ O ₃ (494.58)
AIKAA-IP-17i	4-CH ₃ -C ₆ H ₄	CH ₃	CH ₃	C ₂₀ H ₂₆ N ₄ O ₂ (354.45)
AIKAA-IP-17j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₀ H ₃₀ N ₄ O ₂ (478.58)
AIKAA-IP-17k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	CH ₃	C ₂₅ H ₂₈ N ₄ O ₂ (416.52)
AIKAA-IP-17l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₆ H ₅	C ₃₅ H ₃₂ N ₄ O ₂ (540.65)
AIKAA-IP-17m	Naphthyl	CH ₃	CH ₃	C ₂₃ H ₂₆ N ₄ O ₂ (390.48)
AIKAA-IP-17n	Naphthyl	C ₆ H ₅	C ₆ H ₅	C ₃₃ H ₃₀ N ₄ O ₂ (514.62)
AIKAA-IP-17o	C(CH ₃) ₃	CH ₃	CH ₃	C ₁₇ H ₂₈ N ₄ O ₂ (320.43)
AIKAA-IP-17p	C(CH ₃) ₃	C ₆ H ₅	C ₆ H ₅	C ₂₇ H ₃₂ N ₄ O ₂ (444.57)

(Hetero)aromatic Amines

N-Alkyl-(hetero)aromatic Amines

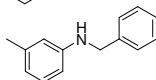
N-Alkyl-(hetero)aromatic Amines

AIKAA-ArAm-01



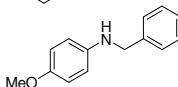
C₁₃H₁₃N
(183.25)

AIKAA-ArAm-02

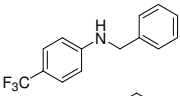
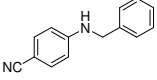
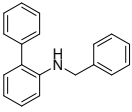
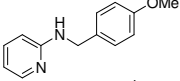
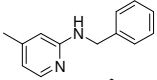
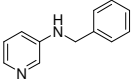
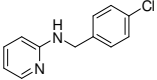
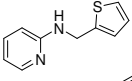
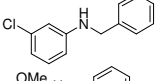
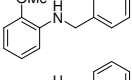
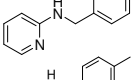
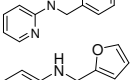
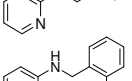
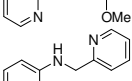
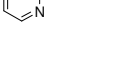


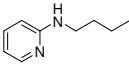
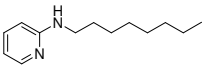
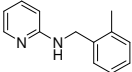

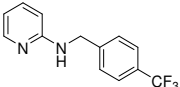
C₁₄H₁₅N
(197.28)

AIKAA-ArAm-03



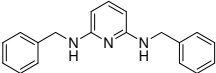
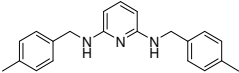
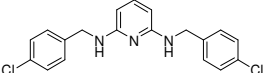
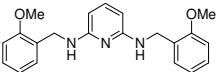
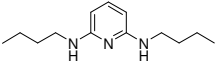
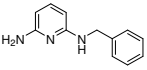
C₁₄H₁₅NO
(213.12)

AlKAA-ArAm-04		C ₁₄ H ₁₂ F ₃ N (251.09)
AlKAA-ArAm-05		C ₁₄ H ₁₂ N ₂ (208.26)
AlKAA-ArAm-06		C ₁₉ H ₁₇ N (259.34)
AlKAA-ArAm-07		C ₁₃ H ₁₄ N ₂ O (214.26)
AlKAA-ArAm-08		C ₁₃ H ₁₄ N ₂ (198.26)
AlKAA-ArAm-09		C ₁₂ H ₁₂ N ₂ (184.24)
AlKAA-ArAm-10		C ₁₂ H ₁₁ ClN ₂ (218.06)
AlKAA-ArAm-11		C ₁₀ H ₁₀ N ₂ S (190.26)
AlKAA-ArAm-12		C ₁₃ H ₁₂ ClN (217.07)
AlKAA-ArAm-13		C ₁₄ H ₁₅ NO (213.28)
AlKAA-ArAm-14		C ₁₂ H ₁₂ N ₂ (184.24)
AlKAA-ArAm-15		C ₁₃ H ₁₄ N ₂ (198.12)
AlKAA-ArAm-16		C ₁₀ H ₁₀ N ₂ O (174.20)
AlKAA-ArAm-17		C ₁₃ H ₁₄ N ₂ O (214.26)
AlKAA-ArAm-18		C ₁₁ H ₁₁ N ₃ (185.23)

AlKAA-ArAm-19		$C_9H_{14}N_2$ (150.22)
AlKAA-ArAm-20		$C_{13}H_{22}N_2$ (206.33)
AlKAA-ArAm-21		$C_{13}H_{14}N_2$ (198.26)
AlKAA-ArAm-22		$C_6H_8N_2$ (108.14)
AlKAA-ArAm-23		$C_{13}H_{11}F_3N_2$ (252.24)

***N,N'*-Dialkyl-heteroaromatic Diamines**

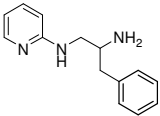
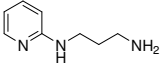
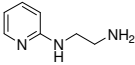
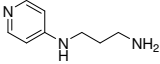
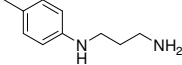
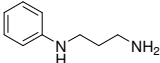
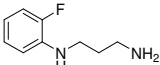
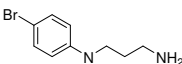
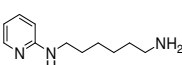
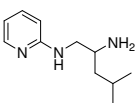
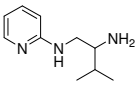
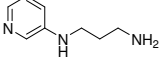
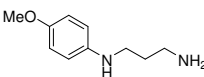
N,N'-Dialkyl-heteroaromatic Diamines

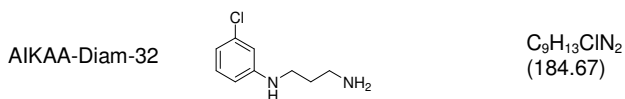
AlKAA-Diam-01		$C_{19}H_{19}N_3$ (289.37)
AlKAA-Diam-02		$C_{21}H_{23}N_3$ (317.43)
AlKAA-Diam-03		$C_{19}H_{17}Cl_2N_3$ (358.26)
AlKAA-Diam-04		$C_{21}H_{23}N_3O_2$ (349.43)
AlKAA-Diam-05		$C_{13}H_{23}N_3$ (221.34)
AlKAA-Diam-06		$C_{12}H_{13}N_3$ (199.25)

AIKAA-Diam-07		$C_{20}H_{21}N_3$ (303.40)
AIKAA-Diam-08		$C_{13}H_{15}N_3$ (213.28)
AIKAA-Diam-09		$C_{21}H_{23}N_3O_2$ (349.43)
AIKAA-Diam-10		$C_{21}H_{23}N_3$ (317.43)
AIKAA-Diam-11		$C_{21}H_{23}N_3$ (317.43)
AIKAA-Diam-12		$C_7H_{11}N_3$ (137.18)
AIKAA-Diam-13		$C_{20}H_{21}N_3$ (303.40)
AIKAA-Diam-14		$C_{20}H_{21}N_3$ (303.40)


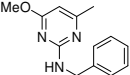

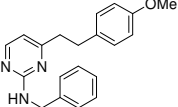
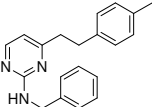
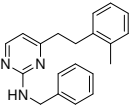
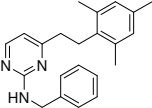
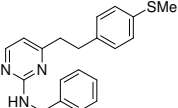
Mono-N-(hetero)aryl-aliphatic Diamines

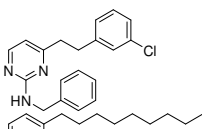
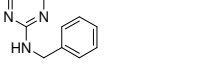
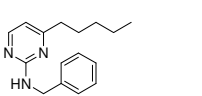
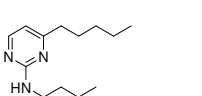
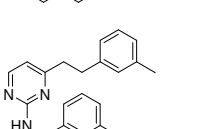
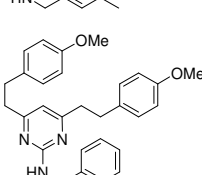
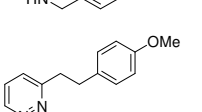
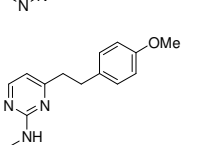
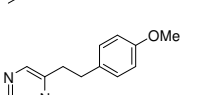
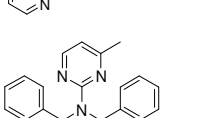
<i>Mono-N-(hetero)aryl-aliphatic Diamines</i>		
AIKAA-Diam-15		$C_8H_{13}N_3$ (151.21)
AIKAA-Diam-16		$C_9H_{15}N_3$ (165.24)
AIKAA-Diam-17		$C_9H_{15}N_3$ (165.24)
AIKAA-Diam-18		$C_{13}H_{15}N_3$ (213.28)


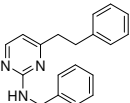
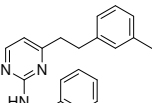
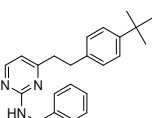
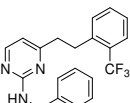
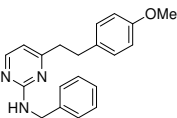
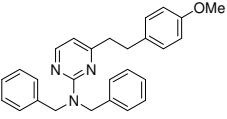
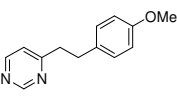
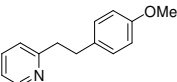
AIKAA-Diam-19		$C_{14}H_{17}N_3$ (227.30)
AIKAA-Diam-20		$C_8H_{13}N_3$ (151.21)
AIKAA-Diam-21		$C_7H_{11}N_3$ (137.18)
AIKAA-Diam-22		$C_8H_{13}N_3$ (151.21)
AIKAA-Diam-23		$C_{10}H_{16}N_2$ (164.25)
AIKAA-Diam-24		$C_9H_{14}N_2$ (150.22)
AIKAA-Diam-25		$C_9H_{13}FN_2$ (168.21)
AIKAA-Diam-26		$C_9H_{13}BrN_2$ (229.12)
AIKAA-Diam-27		$C_{11}H_{19}N_3$ (193.29)
AIKAA-Diam-28		$C_{11}H_{19}N_3$ (193.29)
AIKAA-Diam-29		$C_{10}H_{17}N_3$ (179.26)
AIKAA-Diam-30		$C_8H_{13}N_3$ (151.21)
AIKAA-Diam-31		$C_{10}H_{16}N_2O$ (180.25)



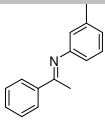
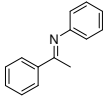
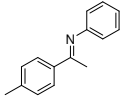
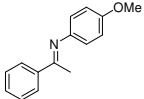
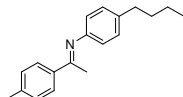
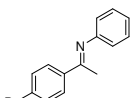
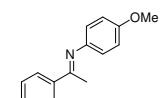
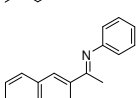
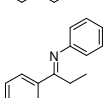
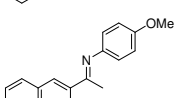
Functionalized N-Heterocycles

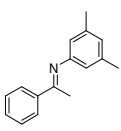
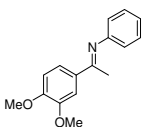
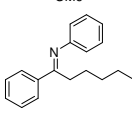
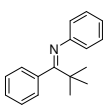
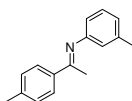
Functionalized N-Heterocycles		
AlKAA-Het-01		$C_{12}H_{13}N_3$ (199.25)
AlKAA-Het-02		$C_{13}H_{15}N_3O$ (229.28)
AlKAA-Het-03		$C_{13}H_{15}N_3$ (213.28)
AlKAA-Het-04		$C_{20}H_{21}N_3O$ (319.40)
AlKAA-Het-05		$C_{20}H_{21}N_3$ (303.40)
AlKAA-Het-06		$C_{20}H_{21}N_3$ (303.40)
AlKAA-Het-07		$C_{22}H_{25}N_3$ (331.45)
AlKAA-Het-08		$C_{20}H_{21}N_3S$ (335.47)

AIKAA-Het-09		$C_{19}H_{18}ClN_3$ (323.12)
AIKAA-Het-10		$C_{20}H_{29}N_3$ (311.46)
AIKAA-Het-11		$C_{16}H_{21}N_3$ (255.36)
AIKAA-Het-12		$C_{13}H_{23}N_3$ (221.34)
AIKAA-Het-13		$C_{21}H_{23}N_3$ (317.43)
AIKAA-Het-14		$C_{29}H_{31}N_3O_2$ (453.58)
AIKAA-Het-15		$C_{13}H_{14}N_2O$ (214.26)
AIKAA-Het-16		$C_{14}H_{17}N_3O$ (243.30)
AIKAA-Het-17		$C_{13}H_{14}N_2O$ (214.26)
AIKAA-Het-18		$C_{19}H_{19}N_3$ (289.37)

AIKAA-Het-19		$C_6H_9N_3$ (123.16)
AIKAA-Het-20		$C_{19}H_{19}N_3$ (289.37)
AIKAA-Het-21		$C_{20}H_{21}N_3$ (303.40)
AIKAA-Het-22		$C_{23}H_{27}N_3$ (345.48)
AIKAA-Het-23		$C_{20}H_{18}F_3N_3$ (357.37)
AIKAA-Het-24		$C_{20}H_{21}N_3O$ (319.40)
AIKAA-Het-25		$C_{27}H_{27}N_3O$ (409.52)
AIKAA-Het-26		$C_{13}H_{14}N_2O$ (214.26)
AIKAA-Het-27		$C_{14}H_{15}NO$ (213.28)

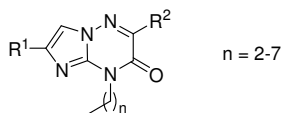
Imines

Imines				
AIKAA-Im-01		C ₁₅ H ₁₅ N (209.29)	1 g 5 g	22 € 100 €
AIKAA-Im-02		C ₁₄ H ₁₃ NO (195.26)	1 g 5 g	16 € 68 €
AIKAA-Im-03		C ₁₅ H ₁₅ N (209.29)	1 g 5 g	21 € 95 €
AIKAA-Im-04		C ₁₅ H ₁₅ NO (225.29)	1 g 5 g	25 € 110 €
AIKAA-Im-05		C ₁₉ H ₂₃ N (265.39)	1 g 5 g	35 € 150 €
AIKAA-Im-06		C ₁₄ H ₁₂ BrN (274.16)	1 g 5 g	32 € 145 €
AIKAA-Im-07		C ₁₆ H ₁₇ NO (239.31)	1 g 5 g	28 € 130 €
AIKAA-Im-08		C ₁₈ H ₁₅ N (245.32)	1 g 5 g	28 € 130 €
AIKAA-Im-09		C ₁₅ H ₁₅ N (209.29)	1 g 5 g	18 € 70 €
AIKAA-Im-10		C ₁₉ H ₁₇ NO (275.34)	1 g 5 g	32 € 145 €

AlKAA-Im-11		$C_{16}H_{17}N$ (223.31)	1 g 5 g	21 € 100 €
AlKAA-Im-12		$C_{16}H_{17}NO_2$ (255.31)	1 g 5 g	35 € 150 €
AlKAA-Im-13		$C_{18}H_{21}N$ (251.37)	1 g 5 g	40 € 182 €
AlKAA-Im-14		$C_{17}H_{19}N$ (237.34)	1 g 5 g	100 € 485 €
AlKAA-Im-15		$C_{16}H_{17}N$ (223.31)	1 g 5 g	27 € 130 €

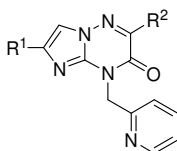
Imidazo[1,2-b][1,2,4]triazines

2,6-Alkyl/aryl-3,4-dihydroimidazo[1,2-b][1,2,4]triazin-3-ones



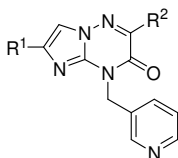
	R^1	R^2
AlKAA-Tri-1a	C_6H_5	CH_3
AlKAA-Tri-1b	C_6H_5	C_6H_5
AlKAA-Tri-1c	4-Br- C_6H_4	CH_3
AlKAA-Tri-1d	4-Br- C_6H_4	C_6H_5
AlKAA-Tri-1e	4-Cl- C_6H_4	CH_3
AlKAA-Tri-1f	4-Cl- C_6H_4	C_6H_5
AlKAA-Tri-1g	4- CH_3O - C_6H_4	CH_3

AIKAA-Tri-1h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-1i	4-CH ₃ -C ₆ H ₄	CH ₃
AIKAA-Tri-1j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-1k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃
AIKAA-Tri-1l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-1m	Naphthyl	CH ₃
AIKAA-Tri-1n	Naphthyl	C ₆ H ₅
AIKAA-Tri-1o	C(CH ₃) ₃	CH ₃
AIKAA-Tri-1p	C(CH ₃) ₃	C ₆ H ₅

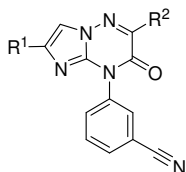


	R ¹	R ²	Formular (FW)
AIKAA-Tri-2a	C ₆ H ₅	CH ₃	C ₁₈ H ₁₅ N ₅ O (317.34)
AIKAA-Tri-2b	C ₆ H ₅	C ₆ H ₅	C ₂₃ H ₁₇ N ₅ O (379.41)
AIKAA-Tri-2c	4-Br-C ₆ H ₄	CH ₃	C ₁₈ H ₁₄ BrN ₅ O (396.24)
AIKAA-Tri-2d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₂₃ H ₁₆ BrN ₅ O (458.31)
AIKAA-Tri-2e	4-Cl-C ₆ H ₄	CH ₃	C ₁₈ H ₁₄ ClN ₅ O (351.79)
AIKAA-Tri-2f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₂₃ H ₁₆ ClN ₅ O (413.86)
AIKAA-Tri-2g	4-CH ₃ O-C ₆ H ₄	CH ₃	C ₁₉ H ₁₇ N ₅ O ₂ (347.37)
AIKAA-Tri-2h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₂₄ H ₁₉ N ₅ O ₂ (409.44)
AIKAA-Tri-2i	4-CH ₃ -C ₆ H ₄	CH ₃	C ₁₉ H ₁₇ N ₅ O (331.37)
AIKAA-Tri-2j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₂₄ H ₁₉ N ₅ O (393.44)
AIKAA-Tri-2k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	C ₂₄ H ₁₉ N ₅ O (393.44)
AIKAA-Tri-2l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₂₉ H ₂₁ N ₅ O (455.51)
AIKAA-Tri-2m	Naphthyl	CH ₃	C ₂₂ H ₁₇ N ₅ O (367.40)
AIKAA-Tri-2n	Naphthyl	C ₆ H ₅	C ₂₇ H ₁₉ N ₅ O (429.47)

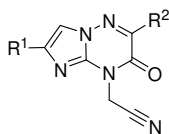
AIKAA-Tri-2o	C(CH ₃) ₃	CH ₃	C ₁₆ H ₁₉ N ₅ O (297.35)
AIKAA-Tri-2p	C(CH ₃) ₃	C ₆ H ₅	C ₂₁ H ₂₁ N ₅ O (359.42)



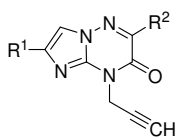
	R ¹	R ²	Formular (FW)
AIKAA-Tri-3a	C ₆ H ₅	CH ₃	C ₁₈ H ₁₅ N ₅ O (317.34)
AIKAA-Tri-3b	C ₆ H ₅	C ₆ H ₅	C ₂₃ H ₁₇ N ₅ O (379.41)
AIKAA-Tri-3c	4-Br-C ₆ H ₄	CH ₃	C ₁₈ H ₁₄ BrN ₅ O (396.24)
AIKAA-Tri-3d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₂₃ H ₁₆ BrN ₅ O (458.31)
AIKAA-Tri-3e	4-Cl-C ₆ H ₄	CH ₃	C ₁₈ H ₁₄ ClN ₅ O (351.79)
AIKAA-Tri-3f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₂₃ H ₁₆ ClN ₅ O (413.86)
AIKAA-Tri-3g	4-CH ₃ O-C ₆ H ₄	CH ₃	C ₁₉ H ₁₇ N ₅ O ₂ (347.37)
AIKAA-Tri-3h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₂₄ H ₁₉ N ₅ O ₂ (409.44)
AIKAA-Tri-3i	4-CH ₃ -C ₆ H ₄	CH ₃	C ₁₉ H ₁₇ N ₅ O (331.37)
AIKAA-Tri-3j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₂₄ H ₁₉ N ₅ O (393.44)
AIKAA-Tri-3k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	C ₂₄ H ₁₉ N ₅ O (393.44)
AIKAA-Tri-3l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₂₉ H ₂₁ N ₅ O (455.51)
AIKAA-Tri-3m	Naphthyl	CH ₃	C ₂₂ H ₁₇ N ₅ O (367.40)
AIKAA-Tri-3n	Naphthyl	C ₆ H ₅	C ₂₇ H ₁₉ N ₅ O (429.47)
AIKAA-Tri-3o	C(CH ₃) ₃	CH ₃	C ₁₆ H ₁₉ N ₅ O (297.35)
AIKAA-Tri-3p	C(CH ₃) ₃	C ₆ H ₅	C ₂₁ H ₂₁ N ₅ O (359.42)



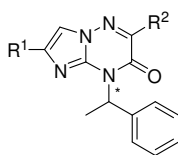
	R ¹	R ²	Formular (FW)
AIKAA-Tri-4a	C ₆ H ₅	CH ₃	C ₁₉ H ₁₃ N ₅ O (327.34)
AIKAA-Tri-4b	C ₆ H ₅	C ₆ H ₅	C ₂₄ H ₁₅ N ₅ O (389.41)
AIKAA-Tri-4c	4-Br-C ₆ H ₄	CH ₃	C ₁₉ H ₁₂ BrN ₅ O (406.24)
AIKAA-Tri-4d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₂₄ H ₁₄ BrN ₅ O (468.30)
AIKAA-Tri-4e	4-Cl-C ₆ H ₄	CH ₃	C ₁₉ H ₁₂ ClN ₅ O (361.78)
AIKAA-Tri-4f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₂₄ H ₁₄ ClN ₅ O (423.85)
AIKAA-Tri-4g	4-CH ₃ O-C ₆ H ₄	CH ₃	C ₂₀ H ₁₅ N ₅ O ₂ (357.37)
AIKAA-Tri-4h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₂₅ H ₁₇ N ₅ O ₂ (419.43)
AIKAA-Tri-4i	4-CH ₃ -C ₆ H ₄	CH ₃	C ₂₀ H ₁₅ N ₅ O (341.37)
AIKAA-Tri-4j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₂₅ H ₁₇ N ₅ O (403.44)
AIKAA-Tri-4k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	C ₂₅ H ₁₇ N ₅ O (403.44)
AIKAA-Tri-4l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₃₀ H ₁₉ N ₅ O (465.50)
AIKAA-Tri-4m	Naphthyl	CH ₃	C ₂₃ H ₁₅ N ₅ O (377.40)
AIKAA-Tri-4n	Naphthyl	C ₆ H ₅	C ₂₈ H ₁₇ N ₅ O (439.47)
AIKAA-Tri-4o	C(CH ₃) ₃	CH ₃	C ₁₇ H ₁₇ N ₅ O (307.35)
AIKAA-Tri-4p	C(CH ₃) ₃	C ₆ H ₅	C ₂₂ H ₁₉ N ₅ O (369.42)



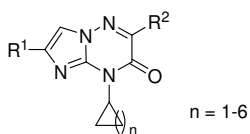
	R ¹	R ²	Formular (FW)
AIKAA-Tri-5a	C ₆ H ₅	CH ₃	C ₁₄ H ₁₁ N ₅ O (265.27)
AIKAA-Tri-5b	C ₆ H ₅	C ₆ H ₅	C ₁₉ H ₁₃ N ₅ O (327.34)
AIKAA-Tri-5c	4-Br-C ₆ H ₄	CH ₃	C ₁₄ H ₁₀ BrN ₅ O (344.17)
AIKAA-Tri-5d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₁₉ H ₁₂ BrN ₅ O (406.24)
AIKAA-Tri-5e	4-Cl-C ₆ H ₄	CH ₃	C ₁₄ H ₁₀ ClN ₅ O (299.72)
AIKAA-Tri-5f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₁₉ H ₁₂ ClN ₅ O (361.78)
AIKAA-Tri-5g	4-CH ₃ O-C ₆ H ₄	CH ₃	C ₁₅ H ₁₃ N ₅ O ₂ (295.30)
AIKAA-Tri-5h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₂₀ H ₁₅ N ₅ O ₂ (357.37)
AIKAA-Tri-5i	4-CH ₃ -C ₆ H ₄	CH ₃	C ₁₅ H ₁₃ N ₅ O (279.30)
AIKAA-Tri-5j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₂₀ H ₁₅ N ₅ O (341.37)
AIKAA-Tri-5k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	C ₂₀ H ₁₅ N ₅ O (341.37)
AIKAA-Tri-5l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₂₅ H ₁₇ N ₅ O (403.44)
AIKAA-Tri-5m	Naphthyl	CH ₃	C ₁₈ H ₁₃ N ₅ O (315.33)
AIKAA-Tri-5n	Naphthyl	C ₆ H ₅	C ₂₃ H ₁₅ N ₅ O (377.40)
AIKAA-Tri-5o	C(CH ₃) ₃	CH ₃	C ₁₂ H ₁₅ N ₅ O (245.28)
AIKAA-Tri-5p	C(CH ₃) ₃	C ₆ H ₅	C ₁₇ H ₁₇ N ₅ O (307.35)



	R ¹	R ²	Formular (FW)
AIKAA-Tri-6a	C ₆ H ₅	CH ₃	C ₁₅ H ₁₂ N ₄ O (264.28)
AIKAA-Tri-6b	C ₆ H ₅	C ₆ H ₅	C ₂₀ H ₁₄ N ₄ O (326.35)
AIKAA-Tri-6c	4-Br-C ₆ H ₄	CH ₃	C ₁₅ H ₁₁ BrN ₄ O (343.18)
AIKAA-Tri-6d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₂₀ H ₁₃ BrN ₄ O (405.25)
AIKAA-Tri-6e	4-Cl-C ₆ H ₄	CH ₃	C ₁₅ H ₁₁ ClN ₄ O (298.73)
AIKAA-Tri-6f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₂₀ H ₁₃ ClN ₄ O (360.80)
AIKAA-Tri-6g	4-CH ₃ O-C ₆ H ₄	CH ₃	C ₁₆ H ₁₄ N ₄ O ₂ (294.31)
AIKAA-Tri-6h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₂₁ H ₁₆ N ₄ O ₂ (356.38)
AIKAA-Tri-6i	4-CH ₃ -C ₆ H ₄	CH ₃	C ₁₆ H ₁₄ N ₄ O (278.31)
AIKAA-Tri-6j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₂₁ H ₁₆ N ₄ O (340.38)
AIKAA-Tri-6k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	C ₂₁ H ₁₆ N ₄ O (340.38)
AIKAA-Tri-6l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₂₆ H ₁₈ N ₄ O (402.45)
AIKAA-Tri-6m	Naphthyl	CH ₃	C ₁₉ H ₁₄ N ₄ O (314.34)
AIKAA-Tri-6n	Naphthyl	C ₆ H ₅	C ₂₄ H ₁₆ N ₄ O (376.41)
AIKAA-Tri-6o	C(CH ₃) ₃	CH ₃	C ₁₃ H ₁₆ N ₄ O (245.28)
AIKAA-Tri-6p	C(CH ₃) ₃	C ₆ H ₅	C ₁₈ H ₁₈ N ₄ O (306.36)

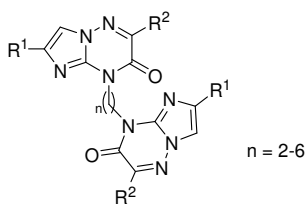


	R ¹	R ²	Formular (FW)
AIKAA-Tri-7a	C ₆ H ₅	CH ₃	C ₂₀ H ₁₇ N ₄ O (329.38)
AIKAA-Tri-7b	C ₆ H ₅	C ₆ H ₅	C ₂₀ H ₁₄ N ₄ O (391.44)
AIKAA-Tri-7c	4-Br-C ₆ H ₄	CH ₃	C ₂₀ H ₁₆ BrN ₄ O (408.27)
AIKAA-Tri-7d	4-Br-C ₆ H ₄	C ₆ H ₅	C ₂₅ H ₁₈ BrN ₄ O (470.34)
AIKAA-Tri-7e	4-Cl-C ₆ H ₄	CH ₃	C ₂₀ H ₁₆ ClN ₄ O (363.82)
AIKAA-Tri-7f	4-Cl-C ₆ H ₄	C ₆ H ₅	C ₂₅ H ₁₈ ClN ₄ O (425.89)
AIKAA-Tri-7g	4-CH ₃ O-C ₆ H ₄	CH ₃	C ₂₁ H ₁₉ N ₄ O ₂ (359.40)
AIKAA-Tri-7h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅	C ₂₆ H ₂₁ N ₄ O ₂ (421.47)
AIKAA-Tri-7i	4-CH ₃ -C ₆ H ₄	CH ₃	C ₂₁ H ₁₉ N ₄ O (343.40)
AIKAA-Tri-7j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅	C ₂₆ H ₂₁ N ₄ O (405.47)
AIKAA-Tri-7k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃	C ₂₆ H ₂₁ N ₄ O (405.47)
AIKAA-Tri-7l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅	C ₃₁ H ₂₃ N ₄ O (467.54)
AIKAA-Tri-7m	Naphthyl	CH ₃	C ₂₄ H ₁₉ N ₄ O (379.43)
AIKAA-Tri-7n	Naphthyl	C ₆ H ₅	C ₂₈ H ₂₁ N ₄ O (441.50)
AIKAA-Tri-7o	C(CH ₃) ₃	CH ₃	C ₁₈ H ₂₁ N ₄ O (309.39)
AIKAA-Tri-7p	C(CH ₃) ₃	C ₆ H ₅	C ₂₃ H ₂₃ N ₄ O (371.45)



	R¹	R²
AIKAA-Tri-8a	C ₆ H ₅	CH ₃
AIKAA-Tri-8b	C ₆ H ₅	C ₆ H ₅
AIKAA-Tri-8c	4-Br-C ₆ H ₄	CH ₃
AIKAA-Tri-8d	4-Br-C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-8e	4-Cl-C ₆ H ₄	CH ₃
AIKAA-Tri-8f	4-Cl-C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-8g	4-CH ₃ O-C ₆ H ₄	CH ₃
AIKAA-Tri-8h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-8i	4-CH ₃ -C ₆ H ₄	CH ₃
AIKAA-Tri-8j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-8k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃
AIKAA-Tri-8l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-8m	Naphthyl	CH ₃
AIKAA-Tri-8n	Naphthyl	C ₆ H ₅
AIKAA-Tri-8o	C(CH ₃) ₃	CH ₃
AIKAA-Tri-8p	C(CH ₃) ₃	C ₆ H ₅

1,*w*-Bis-(6-alkyl/aryl-3,4-dihydroimidazo[1,2-*b*][1,2,4]triazin-4-yl)-alkyles

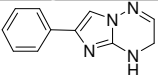
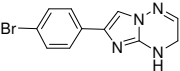
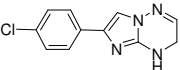
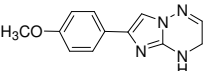
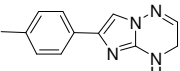
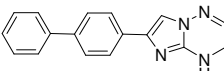
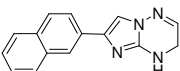


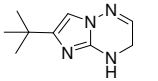
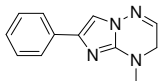
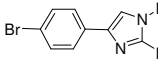
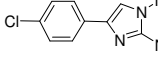
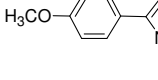
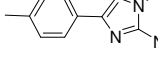
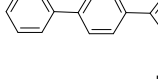
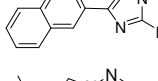
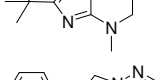
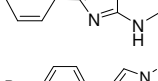
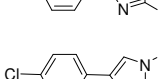
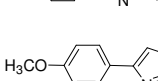

	R¹	R²
AIKAA-Tri-9a	C ₆ H ₅	CH ₃
AIKAA-Tri-9b	C ₆ H ₅	C ₆ H ₅
AIKAA-Tri-9c	4-Br-C ₆ H ₄	CH ₃
AIKAA-Tri-9d	4-Br-C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-9e	4-Cl-C ₆ H ₄	CH ₃
AIKAA-Tri-9f	4-Cl-C ₆ H ₄	C ₆ H ₅
AIKAA-Tri-9g	4-CH ₃ O-C ₆ H ₄	CH ₃
AIKAA-Tri-9h	4-CH ₃ O-C ₆ H ₄	C ₆ H ₅

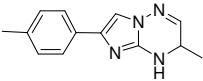
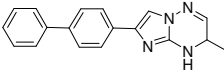
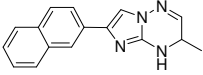
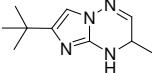
AlKAA-Tri-9i	4-CH ₃ -C ₆ H ₄	CH ₃
AlKAA-Tri-9j	4-CH ₃ -C ₆ H ₄	C ₆ H ₅
AlKAA-Tri-9k	4-C ₆ H ₅ -C ₆ H ₄	CH ₃
AlKAA-Tri-9l	4-C ₆ H ₅ -C ₆ H ₄	C ₆ H ₅
AlKAA-Tri-9m	Naphthyl	CH ₃
AlKAA-Tri-9n	Naphthyl	C ₆ H ₅
AlKAA-Tri-9o	C(CH ₃) ₃	CH ₃
AlKAA-Tri-9p	C(CH ₃) ₃	C ₆ H ₅

6-Alkyl/Aryl-3,4-dihydroimidazo[1,2-b][1,2,4]triazines

6-Alkyl/Aryl-3,4-dihydroimidazo[1,2-b][1,2,4]triazines

AlKAA-Tri-10a		C ₁₁ H ₁₀ N ₄ (198.22)
AlKAA-Tri-10b		C ₁₁ H ₉ BrN ₄ (277.12)
AlKAA-Tri-10c		C ₁₁ H ₉ ClN ₄ (232.67)
AlKAA-Tri-10d		C ₁₂ H ₁₂ N ₄ O (228.25)
AlKAA-Tri-10e		C ₁₂ H ₁₂ N ₄ (212.25)
AlKAA-Tri-10f		C ₁₇ H ₁₄ N ₄ (274.32)
AlKAA-Tri-10g		C ₁₅ H ₁₂ N ₄ (248.28)

AIKAA-Tri-10h		$C_9H_{14}N_4$ (178.23)
AIKAA-Tri-10i		$C_{12}H_{12}N_4$ (212.25)
AIKAA-Tri-10j		$C_{12}H_{11}BrN_4$ (291.15)
AIKAA-Tri-10k		$C_{12}H_{11}ClN_4$ (246.70)
AIKAA-Tri-10l		$C_{13}H_{14}N_4O$ (242.28)
AIKAA-Tri-10m		$C_{13}H_{14}N_4$ (226.28)
AIKAA-Tri-10n		$C_{18}H_{16}N_4$ (288.35)
AIKAA-Tri-10o		$C_{16}H_{14}N_4$ (262.31)
AIKAA-Tri-10p		$C_{10}H_{16}N_4$ (192.26)
AIKAA-Tri-10q		$C_{12}H_{12}N_4$ (212.25)
AIKAA-Tri-10r		$C_{12}H_{11}BrN_4$ (291.15)
AIKAA-Tri-10s		$C_{12}H_{11}ClN_4$ (246.70)
AIKAA-Tri-10t		$C_{13}H_{14}N_4O$ (242.28)

AIKAA-Tri-10u		$C_{13}H_{14}N_4$ (226.28)
AIKAA-Tri-10v		$C_{18}H_{16}N_4$ (288.35)
AIKAA-Tri-10w		$C_{16}H_{14}N_4$ (262.31)
AIKAA-Tri-10x		$C_{10}H_{16}N_4$ (192.26)



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