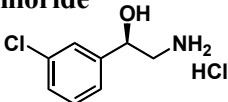
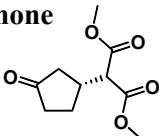
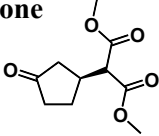
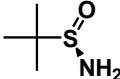
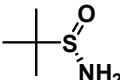
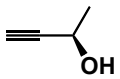
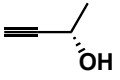


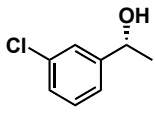
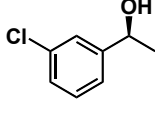
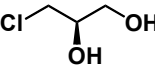
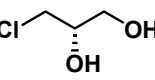
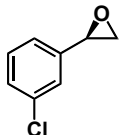
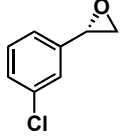
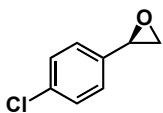
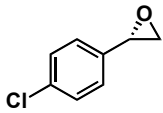
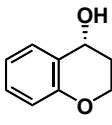
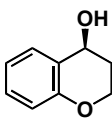
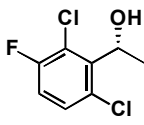
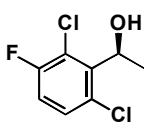
Chiral Compounds

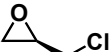

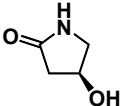
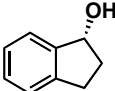
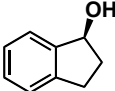
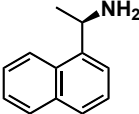
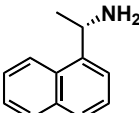
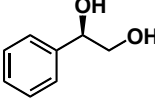
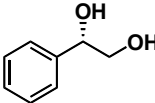
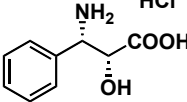
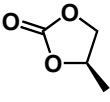
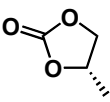


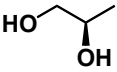
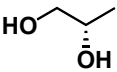


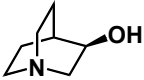
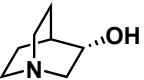
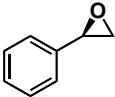
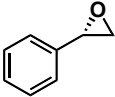


Support not only for “Lab scale” but also
“Production Scale”. Scale Up Customize.

● Chiral Building Blocks

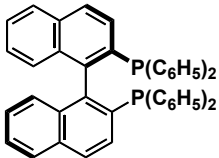
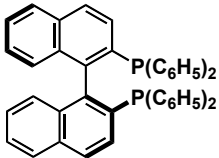
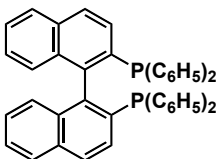
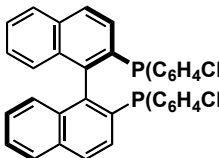
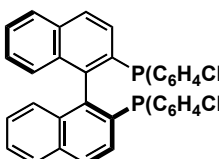
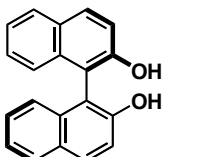
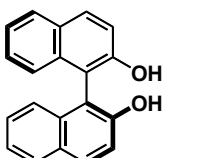
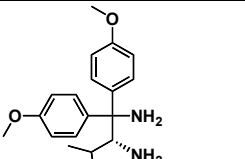
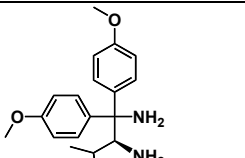
Product Name	Cat. #	Package
(R)-2-Amino-1-(3-chlorophenyl)ethanol hydrochloride [169032-01-3] Optical purity; >98% ee(HPLC)	 01061-35	25g
(R)-(+)-3-Bis(methoxycarbonylmethyl)-1-cyclopentanone [287493-81-6] Optical purity; >94% ee(HPLC)	 05066-65	1g
(S)-(-)-3-Bis(methoxycarbonylmethyl)-1-cyclopentanone [160115-23-1] Optical purity; >94% ee(HPLC)	 04986-65	1g
(R)-(+)-tert-Butylsulfinamide [196929-78-9] Optical purity; >98% ee(HPLC)	 05155-65	1g
	05155-55	5g
(S)-(-)-tert-Butylsulfinamide [343338-28-3] Optical purity; >98% ee(HPLC)	 05156-65	1g
	05156-55	5g
(R)-(+)-3-Butyn-2-ol [42969-65-3] Optical purity; >98% ee(GC)	 05157-65	1g
	05157-55	5g
(S)-(-)-3-Butyn-2-ol [2914-69-4] Optical purity; >98% ee(GC)	 05158-65	1g
	05158-55	5g

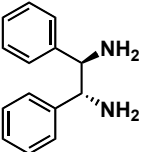
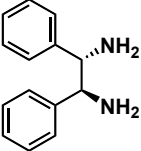
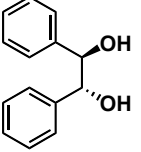
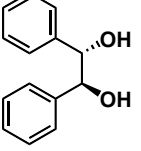
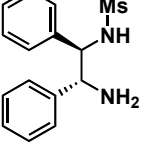
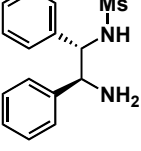
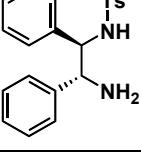
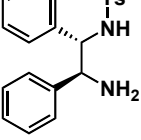
Product Name		Cat. #	Package
(R)-(+)-1-(3-Chlorophenyl)ethanol [120121-01-9] Optical purity; >95% ee(GC)		08342-65	1g
(S)-(-)-1-(3-Chlorophenyl)ethanol [135145-34-5] Optical purity; >95% ee(GC)		08177-65	1g
(R)-3-Chloro-1,2-propanediol [57090-45-6] Optical purity; >98% ee(GC)		08293-55	5g
		08293-35	25g
(S)-3-Chloro-1,2-propanediol [60827-45-4] Optical purity; >98% ee(GC)		08294-55	5g
		08294-35	25g
(R)-(+)-3-Chlorostyrene oxide [62600-71-9] Optical purity; >95% ee(HPLC)		08343-35	25g
(S)-(-)-3-Chlorostyrene oxide [115648-90-3] Optical purity; >95% ee(HPLC)		08344-35	25g
(R)-4-Chlorostyrene oxide [21019-51-2] Optical purity; >93% ee(HPLC)		08345-35	25g
(S)-4-Chlorostyrene oxide [97466-49-4] Optical purity; >93% ee(HPLC)		08346-35	25g
(R)-4-Chromanol [120523-16-2] Optical purity; >99% ee(HPLC)		08347-55	5g
		08347-35	25g
(S)-4-Chromanol [132561-36-5] Optical purity; >99% ee(HPLC)		08288-55	5g
		08288-35	25g
(R)- 1-(2,6-Dichloro-3-fluorophenyl)ethanol [330156-50-8] Optical purity; >94% ee(HPLC)		10130-35	25g
(S)- 1-(2,6-Dichloro-3-fluorophenyl)ethanol [67843-74-7] Optical purity; >94% ee(HPLC)		10131-35	25g

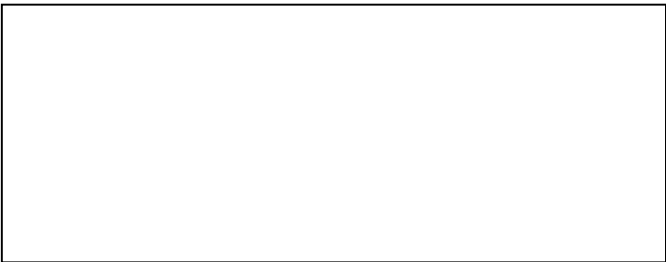
Product Name		Cat. #	Package
(R)-Epichlorohydrin [51594-55-9] Optical purity; >98% ee(GC)		14618-55	5g
		14618-35	25g
(S)-Epichlorohydrin [67843-74-7] Optical purity; >98% ee(GC)		14619-55	5g
		14619-35	25g
(S)-4-Hydroxy-2-pyrrolidinone [68108-18-9] Optical purity; >98% ee(HPLC)		18065-35	25g
(R)-(-)-1-Indanol [697-64-3] Optical purity; >98% ee(HPLC)		20342-65	1g
		20342-35	25g
(S)-(+)-1-Indanol [25501-32-0] Optical purity; >98% ee(HPLC)		20318-65	1g
		20318-35	25g
(R)-(+)-1-(1-Naphthyl)ethylamine [3886-70-2] Optical purity; >98% ee(GC)		28620-55	5g
		28620-35	25g
(S)-(-)-1-(1-Naphthyl)ethylamine [10420-89-0] Optical purity; >98% ee(GC)		28621-55	5g
		28621-35	25g
(R)-(-)-1-Phenyl-1,2-ethanediol [16355-00-3] Optical purity; >97% ee(GC)		34367-35	25g
(S)-(+)-1-Phenyl-1,2-ethanediol [25779-13-9] Optical purity; >97% ee(GC)		34368-35	25g
(2R,3S)-3-Phenylisoserine hydrochloride [136561-53-0] Optical purity; >98% ee(HPLC)		HCl	34252-65
			34252-55
(R)-Propylene carbonate [16606-55-6] Optical purity; >96% ee(GC)		34254-55	5g
		34254-35	25g
(S)-Propylene carbonate [51260-39-0] Optical purity; >96% ee(GC)		34256-55	5g
		34256-35	25g

Product Name		Cat. #	Package
(R)-Propylene glycol [4254-14-2] Optical purity; >97% ee(GC)		34253-55	5g
		34253-35	25g
(S)-Propylene glycol [4254-15-3] Optical purity; >97% ee(GC)		34255-55	5g
		34255-35	25g
(R)-Propylene oxide [15448-47-2] Optical purity; >98% ee(GC)		34257-55	5g
		34257-35	25g
(S)-Propylene oxide [16088-62-3] Optical purity; >98% ee(GC)		34258-55	5g
		34258-35	25g
(R)-3-Quinuclidinol [25444-42-0] Optical purity; >99% ee(GC)		35054-55	5g
		35054-35	25g
		35054-05	500g
		35054-75	5kg
(S)-3-Quinuclidinol [34583-34-1] Optical purity; >99% ee(GC)		35055-55	5g
		35055-35	25g
(R)-(+)-Styrene oxide [20780-53-4] Optical purity; >95% ee(HPLC)		38190-35	25g
(S)-(-)-Styrene oxide [20780-54-5] Optical purity; >95% ee(HPLC)		38191-35	25g
(R)-1,1,1-Trifluoro-2-propanol [17628-78-8] Optical purity; >95% ee(GC)		41181-35	25g
(S)-1,1,1-Trifluoro-2-propanol [3539-97-7] Optical purity; >95% ee(GC)		41182-35	25g

● Chiral Ligand

Product Name		Cat. #	Package
(R)-(+)-BINAP (R)-(+)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl [76189-55-4] Optical purity; >99% ee(HPLC)		04969-65	1g
		04969-55	5g
		04969-35	25g
(S)-(-)-BINAP (S)-(-)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl [76189-56-5] Optical purity; >99% ee(HPLC)		04970-65	1g
		04970-55	5g
		04970-35	25g
rac-BINAP 2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl		05069-65	1g
		05069-55	5g
		05069-35	25g
(R)-(+)-Tol-BINAP [99646-28-3] Optical purity; >99% ee(HPLC)		41105-65	1g
		41105-55	5g
(S)-(-)-Tol-BINAP [100165-88-6] Optical purity; >99% ee(HPLC)		41106-65	1g
		41106-55	5g
(R)-(+)-1,1'-Bi-2-naphthol [18531-94-7] Optical purity; >99% ee(HPLC)		05056-35	25g
		05056-25	100g
(S)-(-)-1,1'-Bi-2-naphthol [18531-99-2] Optical purity; >99% ee(HPLC)		05057-35	25g
		05057-25	100g
(R)-DAIPEN (R)-1,1-Bis(p-methoxyphenyl)-2-isopropylethane-1,2-diamine Optical purity; >99% ee(HPLC)		11407-95	200mg
		11407-65	1g
(S)-DAIPEN (S)-1,1-Bis(p-methoxyphenyl)-2-isopropylethane-1,2-diamine Optical purity; >99% ee(HPLC)		11406-95	200mg
		11406-65	1g

Product Name		Cat. #	Package
(R,R)-(+)-DPEN (1 <i>R</i> ,2 <i>R</i>)-(+)-1,2-Diphenyl-1,2-ethanediamine [35132-20-8] Optical purity; >99% ee(HPLC)		11444-65	1g
		11444-55	5g
		11444-35	25g
(S,S)-(-)-DPEN (1 <i>S</i> ,2 <i>S</i>)-(-)-1,2-Diphenyl-1,2-ethanediamine [29841-69-8] Optical purity; >99% ee(HPLC)		11445-65	1g
		11445-55	5g
		11445-35	25g
(R,R)-(+)-Hydrobenzoin (1 <i>R</i> ,2 <i>R</i>)-(+)-1,2-Diphenyl-1,2-ethanediol [52340-78-0] Optical purity; >99% ee(HPLC)		18617-55	5g
		18617-35	25g
(S,S)-(-)-Hydrobenzoin (1 <i>S</i> ,2 <i>S</i>)-(-)-1,2-Diphenyl-1,2-ethanediol [2325-10-2] Optical purity; >99% ee(HPLC)		18618-55	5g
		18618-35	25g
(R,R)-MsDPEN (1 <i>R</i> ,2 <i>R</i>)- <i>N</i> -Methanesulfonyl-1,2-diphenyl-1,2-ethanediamine Optical purity; >99% ee(HPLC)		25953-65	1g
		25953-55	5g
(S,S)-MsDPEN (1 <i>S</i> ,2 <i>S</i>)- <i>N</i> -Methanesulfonyl-1,2-diphenyl-1,2-ethanediamine Optical purity; >99% ee(HPLC)		25954-65	1g
		25954-55	5g
(R,R)-TsDPEN (1 <i>R</i> ,2 <i>R</i>)- <i>N</i> -(<i>p</i> -Toluenesulfonyl)-1,2-diphenyl-1,2-ethanediamine Optical purity; >99% ee(HPLC)		41052-65	1g
		41052-55	5g
(S,S)-TsDPEN (1 <i>S</i> ,2 <i>S</i>)- <i>N</i> -(<i>p</i> -Toluenesulfonyl)-1,2-diphenyl-1,2-ethanediamine Optical purity; >99% ee(HPLC)		41051-65	1g
		41051-55	5g



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