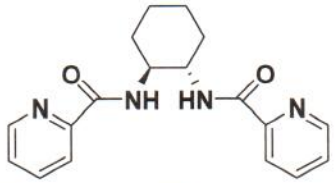
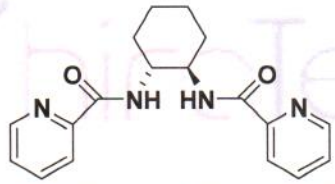
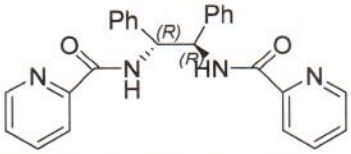
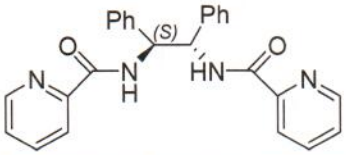
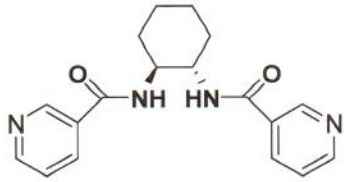
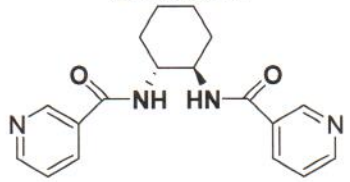
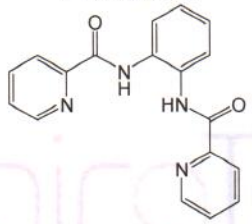
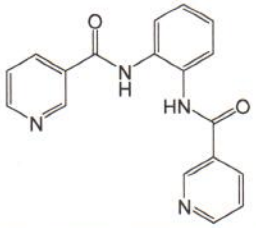
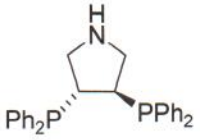
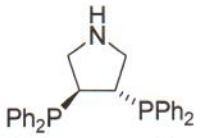
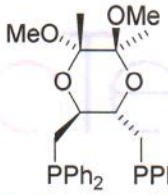
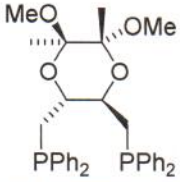
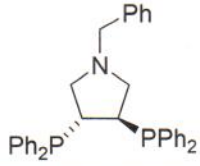
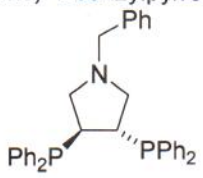
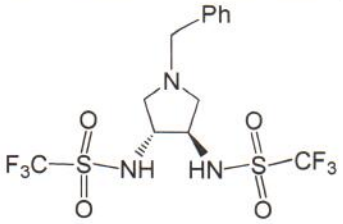
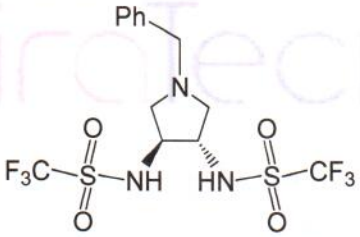
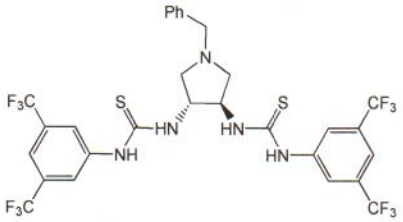
ChiraTecnics
Chiral Solutions for a Better Life

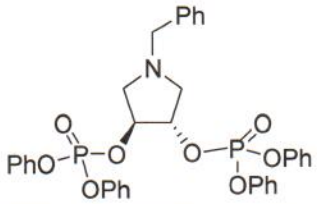
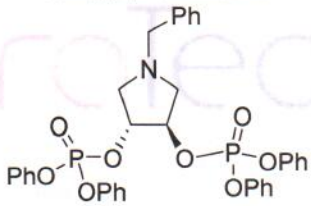
With Prices as of March 2015

Catalogue No.	Name (abrev), Molecular Structure	Cas No.	Purity (%)	Ee(%)	Price
CTCL7	(+)-*N,N'*-(1S,2S)-1,2-Diamino-cyclohexane-diylbis(2-pyridinecarboxamide) ($C_{18}H_{20}N_4O_2$)  **Keywords: asymmetric catalysis, asymmetric allylic alkylation**	**172138-95-3**	**99**	**99**	**50€/g**
CTCL7'	(-)-*N,N'*-(1R,2R)-1,2-Diamino-cyclohexane-diylbis(2-pyridinecarboxamide) ($C_{18}H_{20}N_4O_2$)  **Keywords: asymmetric catalysis, asymmetric allylic alkylation**	**218290-24-5**	**99**	**99**	**50€/g**
CTCL8	*N,N'*-[(1R,2R)-1,2-Diphenyl-1,2-ethanediyl]di(2-pyridinecarboxamide) ($C_{26}H_{22}N_4O_2$)  **Keywords: asymmetric catalysis, asymmetric allylic alkylation**	**230312-36-4**	**99**	**99**	**160€/g**
CTCL8'	*N,N'*-[(1S,2S)-1,2-Diphenyl-1,2-ethanediyl]di(2-pyridinecarboxamide) ($C_{26}H_{22}N_4O_2$)  **Keywords: asymmetric catalysis, asymmetric allylic alkylation**	-	**99**	**99**	**220€/g**
CTCL9	(+)-*N,N'*-(1S,2S)-1,2-Diamino-cyclohexane-diylbis(3-pyridinecarboxamide)	**159454-76-9**	**99**	**99**	**112€/g**

	($C_{18}H_{20}N_4O_2$) 				
CTCL9'	(-)-*N,N'*-(1R,2R)-1,2-Diamino-cyclohexane-diylbis(3-pyridinecarboxamide) ($C_{18}H_{20}N_4O_2$) 	**301861-29-0**	**99**	**99**	**96€/g**
CTACL1	*N,N'*-1,2-phenylenebis-2-pyridinecarboxamide ($C_{14}H_{14}N_4O_2$)  **Keywords: Metal complexation, bleaching agent**	**67455-94-1**	**98**		**40€/g**
CTACL2	*N,N'*-1,2-phenylenebis-3-pyridinecarboxamide ($C_{14}H_{14}N_4O_2$)  **Keywords: Metal complexation, bleaching agent**	**39642-80-3**	**98**		**40€/g**

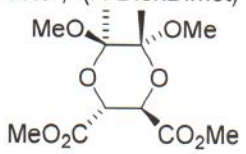
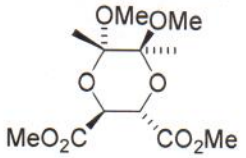
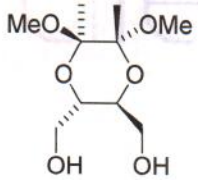
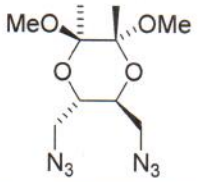
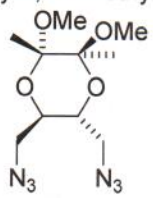
Catalogue No.	Name (abrev), Molecular Structure	Cas No.	Purity (%)	Ee(%)
CTCL1	(3*R*,4*R*)-Bis(diphenylphosphino) pyrrolidine **(R-PyrPhos).**  **Keywords: Asymmetric catalysis, hydrogenation**	**145693-67-0**	**>98**	**99**
CTCL1'	(3*S*,4*S*)- bis(diphenylphosphino) pyrrolidine, **(S-PyrPhos)**  **Keywords: Asymmetric catalysis, hydrogenation**	**-**	**>98**	**99**
CTCL2	(2*S*,3*S*,5*S*,6*S*)-5,6-Bis((diphenylphosphanyl)methyl) -2,3-dimethoxy-2,3-dimethyl[1,4]dioxane, **S-DioxPhos**)  **Keywords: Asymmetric catalysis, hydrogenation**	**173371-59-0**	**>98**	**99**
CTCL2'	(2*R*,3*R*,5*R*,6*R*)-5,6-Bis((diphenylphosphanyl)methyl) -2,3-dimethoxy-2,3-dimethyl[1,4]dioxane, **R-DioxPhos**)  **Keywords: Asymmetric catalysis, hydrogenation**	**-**	**>98**	**99**
CTCL3	(3*R*,4*R*)-(+)-Bis(di Phenylphosphino)-1-benzylpyrrolidine  **Keywords: Asymmetric catalysis, hydrogenation**	**99135-95-2**	**>98**	**99**
CTCL3'	(3*S*,4*S*)-(-)-Bis(di	**156517-64-5**	**>98**	**99**

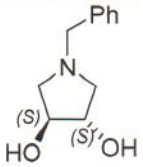
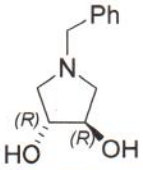
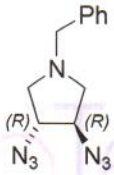
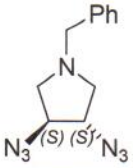
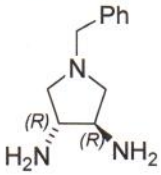
	Phenylphosphino)-1-benzylpyrrolidine  **Keywords: Asymmetric catalysis, hydrogenation**			
CTCL4	*N,N'*-((3*R*,4*R*)-1-benzylpyrrolidinediyl)bis(1,1,1-trifluoromethanesulfonamide)  **Keywords: Asymmetric catalysis, organocatalysis**	**917897-66-6**	**>98**	**99**
CTCL4'	*N,N'*-((3*S*,4*S*)-1-benzylpyrrolidinediyl)bis(1,1,1-trifluoromethanesulfonamide)  **Keywords: Asymmetric catalysis, organocatalysis**	-	**>98**	**99**
CTCL5	1,1'-((3*R*,4*R*)-1-benzylpyrrolidine-3,4-diyl)bis(3-(3,5-bis(trifluoromethyl)phenyl)thiourea)  **Keywords: Asymmetric catalysis, organocatalysis**	-	**>98**	**99**
CTCL5'	1,1'-((3*S*,4*S*)-1-benzylpyrrolidine-3,4-diyl)bis(3-(3,5-bis(trifluoromethyl)phenyl)thiourea)	-	**>98**	**99**

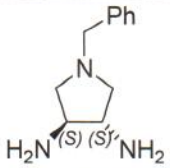
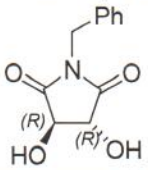
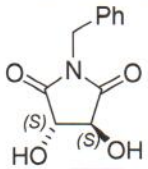
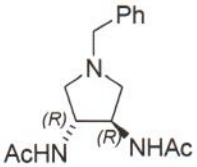
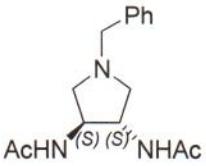
	Keywords: Asymmetric catalysis, organocatalysis			
CTCL6	Diphenylphosphoryl (3*S*,4*S*)-1-benzylpyrrolidinediol  **Keywords: Asymmetric catalysis, organocatalysis**	-	**>98**	**99**
CTCL6'	Diphenylphosphoryl (3*R*,4*R*)-1-benzylpyrrolidinediol  **Keywords: Asymmetric catalysis, organocatalysis**	-	**>98**	**99**

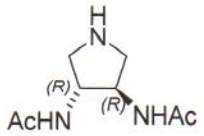
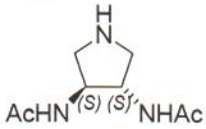
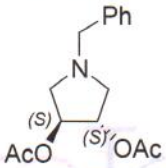
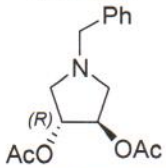
ChiraTecnics

Chiral Solutions for a Better Life

Catalogue No.	Name (abrev), Chemical Formula	Cas No.	Purity (%)	Ee(%)
CTBB1	(2*R*,3*R*,5*R*,6*R*)-Dimethoxy-5,6-dimethyl-[1,4]-dioxane-2,3-dicarboxylic acid Dimethyl ester, (R-DioxDimet)  **Keywords - Asymmetric synthesis, medicinal chemistry**	**181586-74-3**	**>98**	**99**
CTBB1'	(2S,3S,5S,6S)-Dimethoxy-5,6-dimethyl-[1,4]-dioxane-2,3-dicarboxylic acid Dimethyl ester, (S-DioxDimet)  **Keywords - Asymmetric synthesis, medicinal chemistry**	**241811-65-4**	**>98**	**99**
CTBB2	**(2*R*,3*R*,5*S*,6*S*)-2,3-Dimethoxy-2,3-dimethyl-5,6-bis(hydroxymethyl)[1,4] dioxane**  **Keywords - Asymmetric synthesis, medicinal chemistry**	**173371-55-6**	**>98**	**99**
CTBB3	**(2*R*,3*R*,5*S*,6*S*)-5,6-bis(azidomethyl)-2,3-dimethoxy-2,3-dimethyl-1,4-dioxane**  **Keywords - Asymmetric synthesis, click-chemistry, 1,2,3-Triazole synthesis**	**832117-79-0**	**>98**	**99**
CTBB3'	(2*S*,3*S*,5*R*,6*R*)-5,6-bis(azidomethyl)-2,3-dimethoxy-2,3-dimethyl-1,4-dioxane  **Keywords - Asymmetric synthesis,**	**-**	**>98**	**99**

	click-chemistry, 1,2,3-Triazole synthesis			
CTBB4	(3*S*,4*S*)-(-)-1-Benzyl-3,4-pyrrolidinediol  **Keywords - Asymmetric synthesis, medicinal chemistry**	**90365-74-5**	**>98**	**99**
CTBB4'	(3*R*,4*R*)-(-)-1-Benzyl-3,4-pyrrolidinediol  **Keywords - Asymmetric synthesis, medicinal chemistry**	**163439-82-5**	**>98**	**99**
CTBB5	(3*R*,4*R*)-3,4-Diazido-1-benzylpyrrolidine  **Keywords - Asymmetric synthesis, click-chemistry, 1,2,3-Triazole, medicinal chemistry**	**140134-20-9**	**>98**	**99**
CTBB5'	(3*S*,4*S*)-3,4-Diazido-1-benzylpyrrolidine  **Keywords - Asymmetric synthesis, click-chemistry, 1,2,3-Triazole, medicinal chemistry**	**-**	**>98**	**99**
CTBB6	(3*R*,4*R*)-3,4-Diamino-1-benzylpyrrolidine  **Keywords - Asymmetric synthesis, medicinal chemistry**	**140134-21-0**	**>98**	**99**
CTBB6'	(3*S*,4*S*)-3,4-Diamino-1-benzylpyrrolidine	**246149-02-0**	**>98**	**99**

	 **Keywords - Asymmetric synthesis, medicinal chemistry**			
CTBB7	(3*R*,4*R*)-(+)-1-Benzyl-3,4-dihydroxypyrrolidine-2,5-dione  **Keywords - Asymmetric synthesis, medicinal chemistry**	**75172-31-5**	**>98**	**99**
CTBB7'	(3*S*,4*S*)-(-)-1-Benzyl-3,4-dihydroxypyrrolidine-2,5-dione  **Keywords - Asymmetric synthesis, medicinal chemistry**	**187032-53-7**	**>98**	**99**
CTBB8	*N,N'*-(3*R*,4*R*)-1-benzylpyrrolidine-3,4-diyl)diacetamide  **Keywords - Asymmetric synthesis, medicinal chemistry**	-	**>98**	**99**
CTBB8'	*N,N'*-(3S,4S)-1-benzylpyrrolidine-3,4-diyl)diacetamide  **Keywords - Asymmetric synthesis, medicinal chemistry**	-	**>98**	**99**
CTBB9	*N,N'*-(3*R*,4*R*)-pyrrolidine-3,4-diyl)diacetamide	-	**>98**	**99**

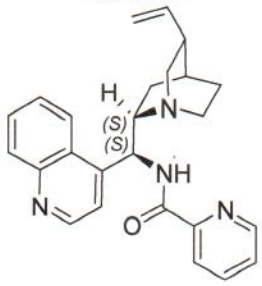
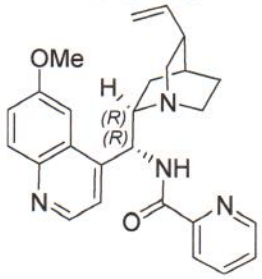
	 **Keywords - Asymmetric synthesis, medicinal chemistry**			
CTBB9'	*N,N'*-(3S,4S)-pyrrolidine-3,4-diyl)diacetamide  **Keywords - Asymmetric synthesis, medicinal chemistry**	-	**>98**	**99**
CTBB10	(3*S*,4*S*)-1-benzylpyrrolidine-3,4-diol diacetate  **Keywords - Asymmetric synthesis, medicinal chemistry**	-	**>98**	**99**
CTBB10'	(3*R*,4*R*)-1-benzylpyrrolidine-3,4-diol diacetate  **Keywords - Asymmetric synthesis, medicinal chemistry**	-	**>98**	**99**

ChiraTecnics

Chiral Solutions for a Better Life

ChiraTecnics

Chiral Solutions for a Better Life

Catalogue No.	Name (abrev), Molecular Structure	Cas No.	Purity (%)	Ee(%)	Price
CTOrgCat1	(+)-*N*-(9-Deoxy-epi-cinchonin-9-yl)picolinamide[1] $C_{25}H_{26}N_4O$  Key words: Chiral catalyst, asymmetric hydrosilylation	**1414851-57-2**	**>98**	**≥98**	100€/100 mg 900€/g
CTOrgCat2	(-)-N-(9-deoxy-epi-quinidin-9-yl)picolinamide[1] $C_{26}H_{28}N_4O_2$  Key words: Chiral catalyst, asymmetric hydrosilylation	**1414851-56-1**	**>98**	**≥98**	90€/100 mg 810€/g

[1] For application see: M. Hayashi, N. Shiomi, Y. Funahashi, S. Nakamura, *J. Am. Chem. Soc.* **2012**, 134, 19366.