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Chiral Building Blocks and Pharmaceutical Intermediates: Optically pure Amino Alcohols and Diamines

Modification of only one out of several identical functional groups in a molecule is a fundamental challenge to organic chemists, for example the regioselective modification of polyhydroxy compounds.

Along the same lines, orthogonal protection strategies enable attachment and cleavage of different protecting groups to multifunctional molecules, and it is a valuable tool for the synthesis of a wide range of hydroxy- and amino compounds.

The adequate arrangement of protecting groups attached to the diamines allow us to prepare valuable orthogonally protected cycloalkane-1,2-diamines and 1,2-amino-alcohols in enantiomerically pure form. The protecting groups bear easily removable substituents, which allows to differentiate both functional groups for the modular synthesis of a wide and novel range of derivatives.

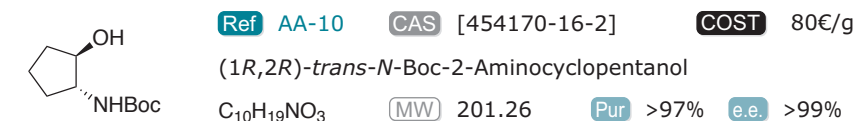
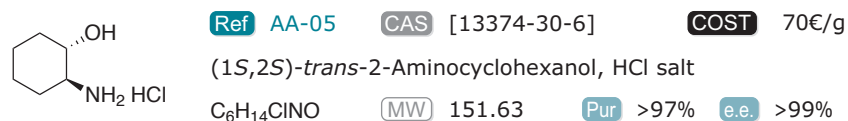
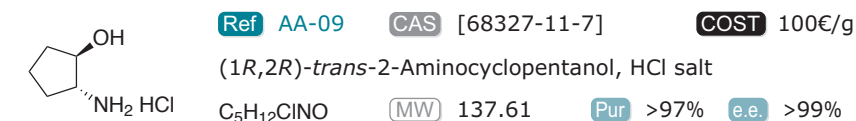
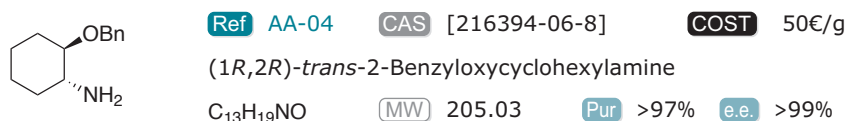
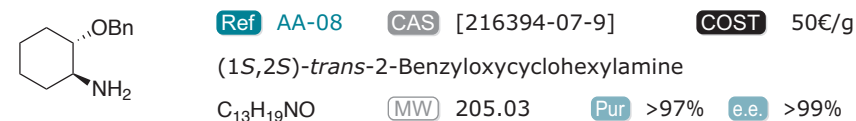
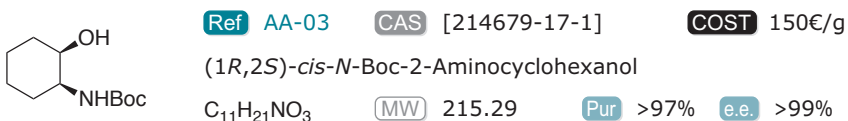
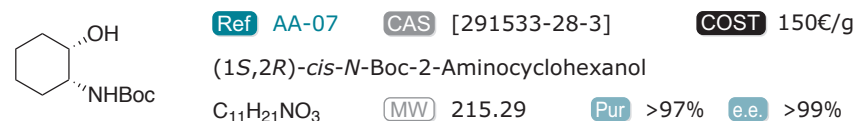
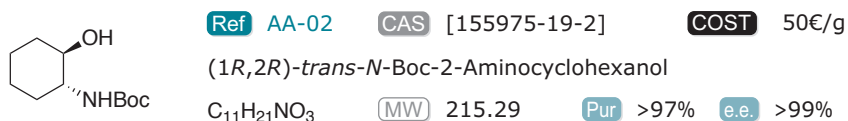
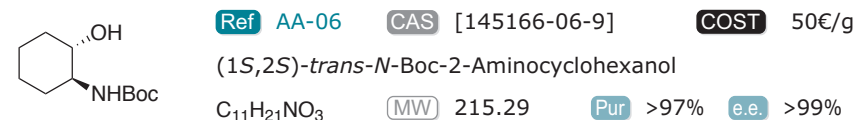
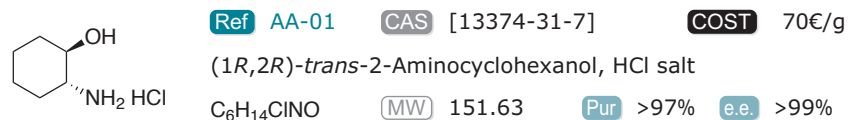
Please, contact us to obtain an updated price list, availability and purchase terms.

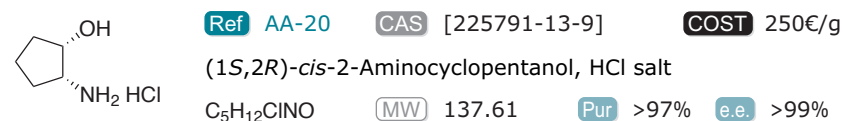
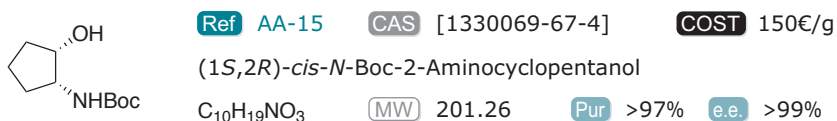
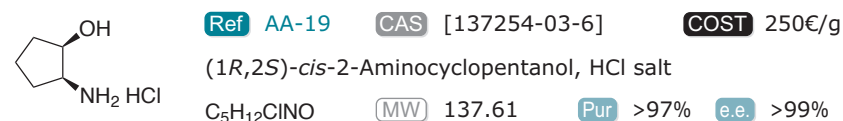
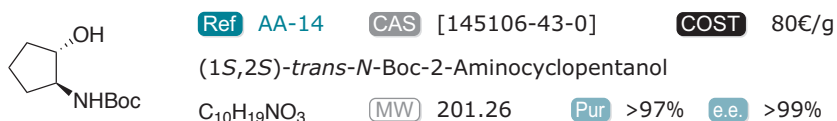
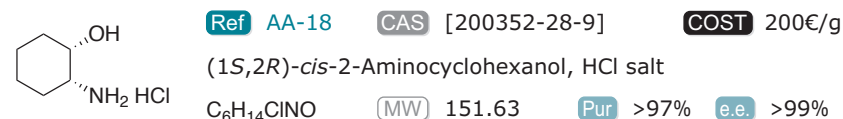
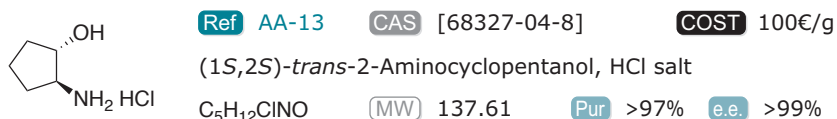
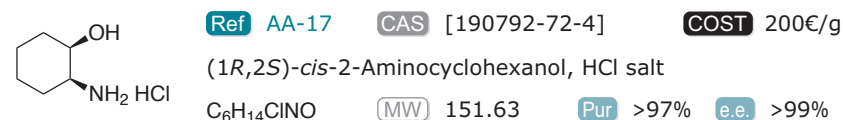
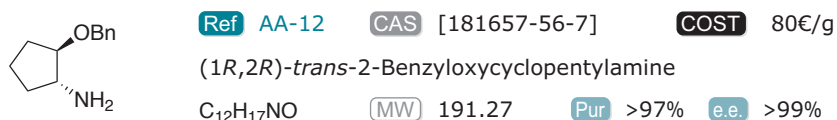
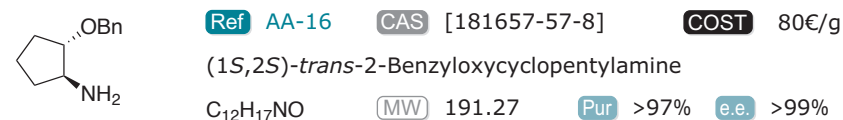
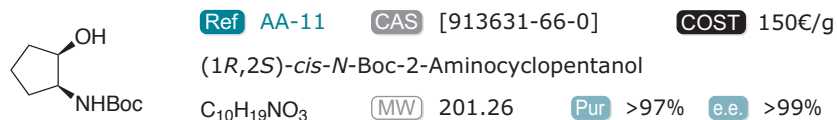
Also, contact us for the custom synthesis of related products not found on the list.

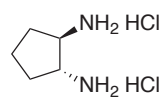
We provide products on the following categories of compounds:

chiral building blocks

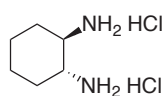
- AA** orthogonally protected enantiomerically pure chiral aminoalcohols
- DA** orthogonally protected enantiomerically pure chiral diamines
- IA** orthogonally protected enantiomerically pure chiral aminoindanes



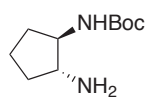




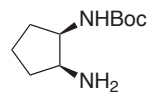
Ref DA-01 **CAS** [1030390-38-5] **COST** 150€/g
 (1*R*,2*R*)-*trans*-1,2-Cyclopentanediamine, 2x HCl salt
 $C_5H_{14}Cl_2N_2$ **MW** 173.08 **Pur** >97% **e.e.** >99%



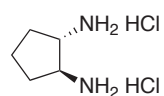
Ref DA-02 **CAS** [35018-63-4] **COST** 20€/g
 (1*R*,2*R*)-*trans*-1,2-Cyclohexanediamine, 2x HCl salt
 $C_6H_{16}Cl_2N_2$ **MW** 187.11 **Pur** >97% **e.e.** >99%



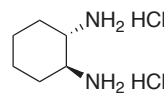
Ref DA-03 **CAS** [1016971-66-6] **COST** 160€/g
 (1*R*,2*R*)-*trans*-*N*-Boc-1,2-Cyclopentanediamine
 $C_{10}H_{20}N_2O_2$ **MW** 200.28 **Pur** >97% **e.e.** >99%



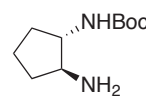
Ref DA-04 **CAS** [721395-15-9] **COST** 250€/g
 (1*R*,2*S*)-*cis*-*N*-Boc-1,2-Cyclopentanediamine
 $C_{10}H_{20}N_2O_2$ **MW** 200.28 **Pur** >97% **e.e.** >99%



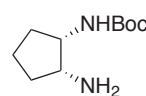
Ref DA-05 **CAS** [477873-22-6] **COST** 150€/g
 (1*S*,2*S*)-*trans*-1,2-Cyclopentanediamine, 2x HCl salt
 $C_5H_{14}Cl_2N_2$ **MW** 173.08 **Pur** >97% **e.e.** >99%



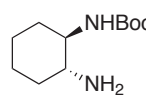
Ref DA-06 **CAS** [35018-62-3] **COST** 20€/g
 (1*S*,2*S*)-*trans*-1,2-Cyclohexanediamine, 2x HCl salt
 $C_6H_{16}Cl_2N_2$ **MW** 187.11 **Pur** >97% **e.e.** >99%



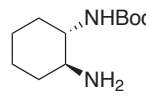
Ref DA-07 **CAS** [586961-34-4] **COST** 160€/g
 (1*S*,2*S*)-*trans*-*N*-Boc-1,2-Cyclopentanediamine
 $C_{10}H_{20}N_2O_2$ **MW** 200.28 **Pur** >97% **e.e.** >99%



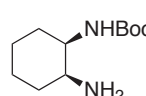
Ref DA-08 **CAS** [445479-01-6] **COST** 250€/g
 (1*S*,2*R*)-*cis*-*N*-Boc-1,2-Cyclopentanediamine
 $C_{10}H_{20}N_2O_2$ **MW** 200.28 **Pur** >97% **e.e.** >99%



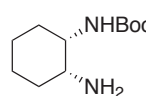
Ref DA-09 **CAS** [146504-07-6] **COST** 60€/g
 (1*R*,2*R*)-*trans*-*N*-Boc-1,2-Cyclohexanediamine
 $C_{11}H_{22}N_2O_2$ **MW** 214.30 **Pur** >98% **e.e.** >99%



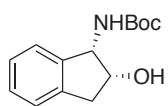
Ref DA-10 **CAS** [180683-64-1] **COST** 60€/g
 (1*S*,2*S*)-*trans*-*N*-Boc-1,2-Cyclohexanediamine
 $C_{11}H_{22}N_2O_2$ **MW** 214.30 **Pur** >98% **e.e.** >99%



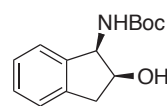
Ref DA-11 **CAS** [364385-54-6] **COST** 150€/g
 (1*R*,2*S*)-*cis*-*N*-Boc-1,2-Cyclohexanediamine
 $C_{11}H_{22}N_2O_2$ **MW** 214.30 **Pur** >97% **e.e.** >99%



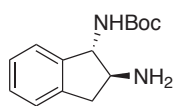
Ref DA-12 **CAS** [365996-30-1] **COST** 150€/g
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 $C_{11}H_{22}N_2O_2$ **MW** 214.30 **Pur** >97% **e.e.** >99%



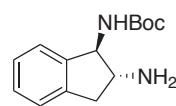
Ref IA-01 **CAS** [218151-53-2] **COST** 50€/g
 (1*S*,2*R*)-*cis*-1-(*tert*-butoxycarbonylamino)-2-indanol
 $C_{14}H_{19}NO_3$ **MW** 249.31 **Pur** >97% **e.e.** >99%



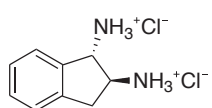
Ref IA-05 **CAS** [403860-45-7] **COST** 50€/g
 (1*R*,2*S*)-*cis*-1-(*tert*-butoxycarbonylamino)-2-indanol
 $C_{14}H_{19}NO_3$ **MW** 249.31 **Pur** >97% **e.e.** >99%



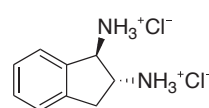
Ref IA-02 **CAS** [597555-55-0] **COST** 160€/g
 (1*S*,2*S*)-*trans*-1-(*tert*-butoxycarbonylamino)-2-aminoindane
 $C_{14}H_{20}N_2O_2$ **MW** 248.32 **Pur** >97% **e.e.** >99%



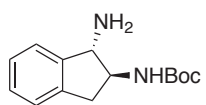
Ref IA-06 **CAS** [403860-48-0] **COST** 160€/g
 (1*R*,2*R*)-*trans*-1-(*tert*-butoxycarbonylamino)-2-aminoindane
 $C_{14}H_{20}N_2O_2$ **MW** 248.32 **Pur** >97% **e.e.** >99%



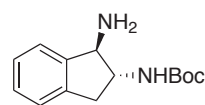
Ref IA-03 **CAS** [218151-47-4] **COST** 150€/g
 (1*S*,2*S*)-*trans*-1,2-diaminoindane•2HCl
 $C_9H_{14}Cl_2N_2$ **MW** 221.13 **Pur** >97% **e.e.** >99%



Ref IA-07 **CAS** [218151-48-5] **COST** 150€/g
 (1*R*,2*R*)-*trans*-1,2-diaminoindane•2HCl
 $C_9H_{14}Cl_2N_2$ **MW** 221.13 **Pur** >97% **e.e.** >99%



Ref IA-04 **CAS** --- **COST** 200€/g
 (1*S*,2*S*)-*trans*-2-(*tert*-butoxycarbonylamino)-1-aminoindane
 $C_{14}H_{20}N_2O_2$ **MW** 248.32 **Pur** >97% **e.e.** >99%



Ref IA-08 **CAS** --- **COST** 200€/g
 (1*R*,2*R*)-*trans*-2-(*tert*-butoxycarbonylamino)-1-aminoindane
 $C_{14}H_{20}N_2O_2$ **MW** 248.32 **Pur** >97% **e.e.** >99%



Vivero Ciencias de la Salud
Santo Domingo de Guzmán, s/n
33011 Oviedo (Asturias)
S P A I N

Tel. (+34) 985 259 021

www.entrechem.com

info@entrechem.com