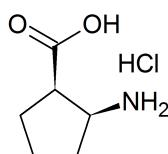


PRODUCT INFORMATION

AS001.1 (1 g)
AS001.2 (5 g)

Product Name: **(+/-)cis-2-Amino-1-cyclopentanecarboxylic acid hydrochloride**



Product Specifications

catalogue no.:	AS001
chemical name:	(+/-)cis-2-Amino-1-cyclopentanecarboxylic acid hydrochloride
synonyms:	cis-Pentacine, cis-beta-cycloleucin-hydrochloride
IUPAC name:	(1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid hydrochloride (1:1)
molecular formula:	C ₆ H ₁₂ ClNO ₂
molecular weight [g/mol]:	165.6180 (129.1570+36.4609)
CAS:	18414-30-7
purity:	97%+
category:	Special Amino Acids and Derivatives
melting point:	n.d.
boiling point:	n.d.
appearance:	colourless solid
solubility:	water, DMSO
shipping temperature:	ambient
long term storage:	4°C
NMR analytics:	500 MHz (d6-DMSO)
characteristics:	antibiotic activity

Safety Information

R-Sentence:	R: 36/37/38
S-Sentence:	S: 26-24/25
hazardous substance symbol:	Xn
class:	beta-aminoacid
safety info:	Caution, substance not fully tested. Potential health effects.

References

1. Cis-2-Aminocyclopentanecarboxylic Acid Oligomers adopt a sheetlike structure: switch from helix to nonpolar strand. Martinek, T.A., Angew. Chem. 2002, 114, Nr. 10
2. Konishi, M. et. al., J. Antibiot. 1989, 42, 1749
3. Kawabata, K. et. al., J. Antibiot. 1990, 43, 513

4. Iwamoto, T. et. al., J. Antibiot. 1990, 43, 1

5. Oki, T., et al., J. Antibiot. 1989, 42, 1756

Application Notes

building block

Ordering Information

Cat. No.	Product Name	Quantity	Price
AS001.1	(1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid hydrochloride (1:1)	1 g	179,- €
AS001.2	(1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid hydrochloride (1:1)	5 g	729,- €