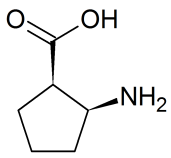
PRODUCT INFORMATION

AS124.1 (1 g)
AS124.2 (2.5 g)

Product Name: (1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid



Product Specifications

catalogue no.:	AS124
chemical name:	(1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid
molecular formula:	$C_6H_{11}NO_2$
molecular weight [g/mol]:	129.16
CAS:	37910-65-9
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 fo 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

Squarix GmbH - Elbestraße 10 - D-45768 Marl - Germany
fon: +49-2365-20400-0 - fax: +49-2365-20400-60 - www.squarix.de - e-mail: info@squarix.de

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

Application Notes

building block

Ordering Information

Cat. No.	Product Name	Quantity	Price
AS124.1	(1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid	1 g	249,- €
AS124.2	(1R,2S/1S,2R)2-aminocyclopentanecarboxylic acid	2.5 g	489,- €