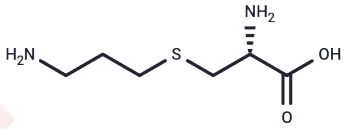
Data Sheet (Cat.No.T29988)

TargetMol

Aminopropylcysteine

Chemical Properties



CAS No. : 51785-96-7

Formula: C6H14N2O2S

Molecular Weight: 178.25

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Aminopropylcysteine is a amino acid standard.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6101 mL	28.0505 mL	56.101 mL
5 mM	1.122 mL	5.6101 mL	11.2202 mL
10 mM	0.561 mL	2.805 mL	5.6101 mL
50 mM	0.1122 mL	0.561 mL	1.122 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Hale JE, Beidler DE, Jue RA. Quantitation of cysteine residues alkylated with 3-bromopropylamine by amino acid analysis. Anal Biochem. 1994 Jan;216(1):61-6. PubMed PMID: 8135367.

Jue RA, Hale JE. Identification of cysteine residues alkylated with 3-bromopropylamine by protein sequence analysis. Anal Biochem. 1993 Apr;210(1):39-44. PubMed PMID: 8489023.

Coccia R, Foppoli C, Blarzino C, De Marco C, Pensa B. Transamination of some sulphur- or selenium-containing amino acids by bovine liver glutamine transaminase. Physiol Chem Phys Med NMR. 1992;24(4):313-21. PubMed PMID: 1296212.

Serao I, Costa M, Pecci L, Coccia R, Cavallini D. Oxidative deamination of S-aminopropylcysteine and S-aminoethylhomocysteine. Ital J Biochem. 1991 Jul-Aug;40(4):216-22. PubMed PMID: 1787055.

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