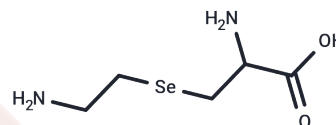


Selenalysine

Chemical Properties

CAS No. :	57601-68-0
Formula:	C ₅ H ₁₂ N ₂ O ₂ Se
Molecular Weight:	211.12
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	Selenalysine is a lantipeptides used as a scaffold for drug development.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7366 mL	23.6832 mL	47.3664 mL
5 mM	0.9473 mL	4.7366 mL	9.4733 mL
10 mM	0.4737 mL	2.3683 mL	4.7366 mL
50 mM	0.0947 mL	0.4737 mL	0.9473 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

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- Seebeck FP, Szostak JW. Ribosomal synthesis of dehydroalanine-containing peptides. J Am Chem Soc. 2006 Jun 7; 128(22):7150-1. PubMed PMID: 16734454; PubMed Central PMCID: PMC2572134.
- 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.
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