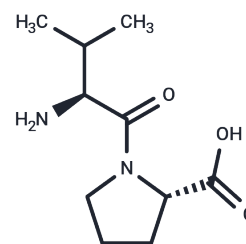


Prolylvaline

Chemical Properties

CAS No. :	20488-27-1
Formula:	C ₁₀ H ₁₈ N ₂ O ₃
Molecular Weight:	214.26
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	Prolylvaline is used as a peptide with antibacterial properties.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6672 mL	23.3361 mL	46.6723 mL
5 mM	0.9334 mL	4.6672 mL	9.3345 mL
10 mM	0.4667 mL	2.3336 mL	4.6672 mL
50 mM	0.0933 mL	0.4667 mL	0.9334 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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- Charnley M, Moir AJ, Douglas CW, Haycock JW. Anti-microbial action of melanocortin peptides and identification of a novel X-Pro-D/L-Val sequence in Gram-positive and Gram-negative bacteria. Peptides. 2008 Jun;29(6):1004-9. doi: 10.1016/j.peptides.2008.02.004. Epub 2008 Feb 15. PubMed PMID: 18355945.
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