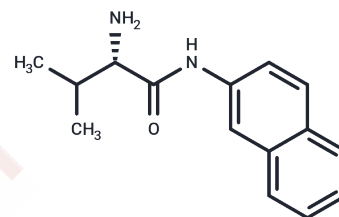


H-Val-βNA

Chemical Properties

CAS No. :	729-24-8
Formula:	C ₁₅ H ₁₈ N ₂ O
Molecular Weight:	242.322
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	H-Val-βNA, also known as L-Valine β-naphthylamide, serves as a substrate for aminopeptidase and Valine arylamidase activities.
Targets(IC50)	Others,Aminopeptidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1268 mL	20.6339 mL	41.2677 mL
5 mM	0.8254 mL	4.1268 mL	8.2535 mL
10 mM	0.4127 mL	2.0634 mL	4.1268 mL
50 mM	0.0825 mL	0.4127 mL	0.8254 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

- Chandu D, et al. PepN is the major aminopeptidase in Escherichia coli: insights on substrate specificity and role during sodium-salicylate-induced stress. *Microbiology*. 2003;149(Pt 12):3437-3447.
- Ben Taheur F, et al. Anti-bacterial and anti-biofilm activity of probiotic bacteria against oral pathogens. *Microb Pathog*. 2016;97:213-220.

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