

Z-Arg(Z)2-OH

Chemical Properties

CAS No. : 14611-34-8

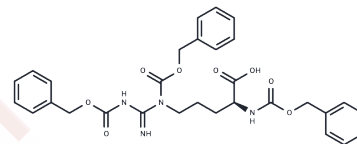
Formula: C30H32N4O8

Molecular Weight: 576.6

Keep away from moisture

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	Z-Arg(Z)2-OH can be used in the assay to screen proteolytic activities in mite homogenates.
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 5.77 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7343 mL	8.6715 mL	17.343 mL
5 mM	0.3469 mL	1.7343 mL	3.4686 mL
10 mM	0.1734 mL	0.8672 mL	1.7343 mL
50 mM	0.0347 mL	0.1734 mL	0.3469 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

Weber U, Schmid H. Synthese und biologische Aktivität des Dekapeptids Gly-Pro-Cys-Lys-Ala-Arg-Phe-Gly-Gly-Cys als Modell für das aktive Zentrum des basischen Trypsininhibitors aus Rinderorganen (Kunitz-Inhibitor [Synthesis and biological activity of the decapeptide Gly-Pro-Cys-Lys-Ala-Arg-Phe-Gly-Gly-Cys as a model for the active center of the basic trypsin inhibitor from bovine organs (Kunitz inhibitor) (author's transl)]. Hoppe Seylers Z Physiol Chem. 1976 Dec;357(10):1359-63. German.

Erbas T, Hubert J. Comparative analyses of proteolytic activities in seven species of synanthropic acaridid mites. Arch Insect Biochem Physiol. 2010 Nov;75(3):187-206.

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