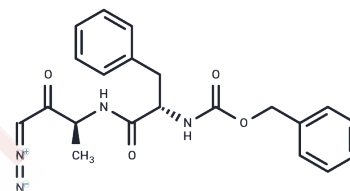


Z-Phe-Ala-diazomethylketone

Chemical Properties

CAS No. :	71732-53-1
Formula:	C ₂₁ H ₂₂ N ₄ O ₄
Molecular Weight:	394.42
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Z-Phe-Ala-diazomethylketone directly binds to A β 42 monomers and small oligomers, inhibiting A β 42 dodecamer formation and preventing A β 42 fibrillogenesis in solution. This compound holds potential for research into neurodegenerative disorders [1].
Targets(IC50)	Gamma-secretase, Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5354 mL	12.6768 mL	25.3537 mL
5 mM	0.5071 mL	2.5354 mL	5.0707 mL
10 mM	0.2535 mL	1.2677 mL	2.5354 mL
50 mM	0.0507 mL	0.2535 mL	0.5071 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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