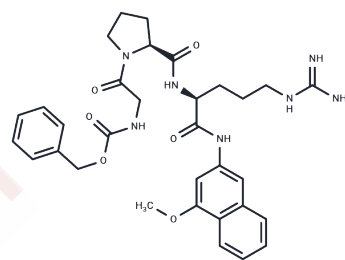


Z-Gly-Pro-Arg-4MβNA

Chemical Properties

CAS No. :	66647-41-4
Formula:	C32H39N7O6
Molecular Weight:	617.7
Storage:	Keep away from direct sunlight 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-Gly-Pro-Arg-4MβNA is a thrombin substrate that, when cleaved by thrombin, releases 4-methoxy-2-naphthylamine (4MβNA). The liberated 4MβNA reacts with 5-nitrosalicylaldehyde, forming an insoluble yellow fluorescent product, which indicates the site of thrombin activity [1].
Targets(IC50)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6189 mL	8.0945 mL	16.1891 mL
5 mM	0.3238 mL	1.6189 mL	3.2378 mL
10 mM	0.1619 mL	0.8095 mL	1.6189 mL
50 mM	0.0324 mL	0.1619 mL	0.3238 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.

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