

D-Phe-Pro-Arg-Chloromethylketone

Chemical Properties

CAS No. :	65149-23-7
Formula:	C ₂₁ H ₃₁ ClN ₆ O ₃
Molecular Weight:	450.97
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	D-Phe-Pro-Arg-Chloromethylketone is an irreversible inhibitor of thrombin. It can inhibit human α -thrombin and can also be covalently immobilized on PEGylated polymer films.
Targets(IC50)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2174 mL	11.0872 mL	22.1744 mL
5 mM	0.4435 mL	2.2174 mL	4.4349 mL
10 mM	0.2217 mL	1.1087 mL	2.2174 mL
50 mM	0.0443 mL	0.2217 mL	0.4435 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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