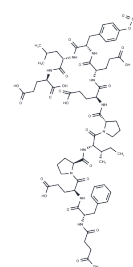


Succinyl-(Pro58,D-Glu65)-Hirudin (56-65) (sulfated)

Chemical Properties

CAS No. :	131791-98-5
Formula:	C64H88N10O26S
Molecular Weight:	1445.5
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	Succinyl-(Pro58,D-Glu65)-Hirudin (56-65) (sulfated) is a hirugen-like peptide with greater thrombin affinity than Hirugen, exhibiting a dissociation constant (K _D) of less than 100 nM. This compound acts as an antithrombotic agent, effectively inhibiting thrombin-induced fibrin clot formation with an inhibitory concentration (IC ₅₀) of 0.087 μM [1].
Targets(IC ₅₀)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6918 mL	3.459 mL	6.918 mL
5 mM	0.1384 mL	0.6918 mL	1.3836 mL
10 mM	0.0692 mL	0.3459 mL	0.6918 mL
50 mM	0.0138 mL	0.0692 mL	0.1384 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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