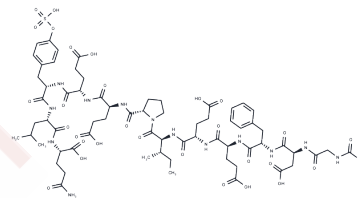


Acetyl-Hirudin (54-65) (sulfated)

Chemical Properties

CAS No. :	125441-00-1
Formula:	C68H95N13O29S
Molecular Weight:	1590.63
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	Acetyl-Hirudin (54-65) (sulfated) directly binds to thrombin-rHCII(L444R), obstructing the interaction between the N-terminal acidic domain of rHCII and the anion-binding exosite I of thrombin, thereby stabilizing the complex.
Targets(IC50)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6287 mL	3.1434 mL	6.2868 mL
5 mM	0.1257 mL	0.6287 mL	1.2574 mL
10 mM	0.0629 mL	0.3143 mL	0.6287 mL
50 mM	0.0126 mL	0.0629 mL	0.1257 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

J H Han, et al. Heparin facilitates dissociation of complexes between thrombin and a reactive site mutant (L444R) of heparin cofactor II. J Biol Chem. 1997 Mar 28;272(13):8243-9.

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