

RWJ-445167

Chemical Properties

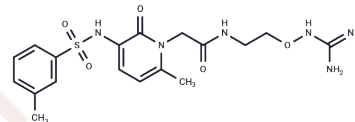
CAS No. : 226566-43-4

Formula: C₁₈H₂₄N₆O₅S

Molecular Weight: 436.49

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	RWJ-445167 is a thrombin and factor Xa dual inhibitor(Ki of 4.0 nM and 230 nM, respectively), with potent antithrombotic activity.
Targets(IC50)	Factor Xa,Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.291 mL	11.455 mL	22.910 mL
5 mM	0.4582 mL	2.291 mL	4.582 mL
10 mM	0.2291 mL	1.1455 mL	2.291 mL
50 mM	0.0458 mL	0.2291 mL	0.4582 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

RWJ-445167, et al. Exploration of potential prodrugs of RWJ-445167, an oxyguanidine-based dual inhibitor of thrombin and factor Xa. Chem Biol Drug Des. 2006 Jul;68(1):29-36.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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