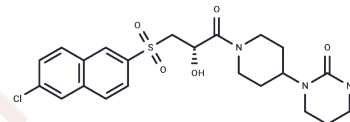


Letaxaban

Chemical Properties

CAS No. :	870262-90-1
Formula:	C ₂₂ H ₂₆ ClN ₃ O ₅ S
Molecular Weight:	479.98
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	Letaxaban (TAK-442) is a small molecule Xa factor inhibitor that can be used to study polar coronary syndromes and thrombotic blockages.
Targets(IC50)	Factor Xa

Solubility Information

Solubility	DMSO: 50 mg/mL (104.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0834 mL	10.4171 mL	20.8342 mL
5 mM	0.4167 mL	2.0834 mL	4.1668 mL
10 mM	0.2083 mL	1.0417 mL	2.0834 mL
50 mM	0.0417 mL	0.2083 mL	0.4167 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

Remko M, et al. Theoretical Study of Molecular Structure and Physicochemical Properties of Novel Factor Xa Inhibitors and Dual Factor Xa and Factor IIa Inhibitors. *Molecules*. 2016 Feb 4;21(2):185.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481