

O-Desmethyl apixaban sulfate sodium

Chemical Properties

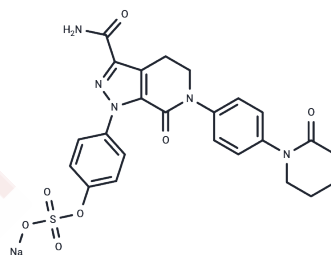
CAS No. :

Formula: C₂₄H₂₂N₅NaO₇S

Molecular Weight: 547.52

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	O-Desmethyl apixaban sulfate sodium inhibits factor X (FXa) with a K_i of 58 μ M, and is a major circulating metabolite of Apixaban in humans.
Targets(IC50)	Factor Xa

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8264 mL	9.1321 mL	18.2642 mL
5 mM	0.3653 mL	1.8264 mL	3.6528 mL
10 mM	0.1826 mL	0.9132 mL	1.8264 mL
50 mM	0.0365 mL	0.1826 mL	0.3653 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

Wong PC, et al. Preclinical discovery of apixaban, a direct and orally bioavailable factor Xa inhibitor. J Thromb Thrombolysis. 2011 May;31(4):478-92.

Wang L, et al. Sulfation of o-demethyl apixaban: enzyme identification and species comparison. Drug Metab Dispos. 2009 Apr;37(4):802-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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