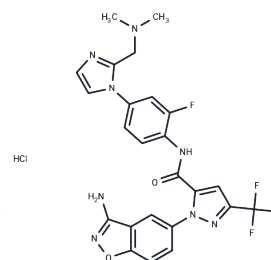


Razaxaban hydrochloride

Chemical Properties

CAS No. :	405940-76-3
Formula:	C ₂₄ H ₂₁ ClF ₄ N ₈ O ₂
Molecular Weight:	564.92
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	Razaxaban hydrochloride is a highly potent, selective and orally active inhibitor of factor Xa (K _i of 0.19 nM), has strongly antithrombotic activity.
Targets (IC ₅₀)	Factor Xa, Others, Thrombin
In vitro	Razaxaban shows good Caco-2 permeability. The anticoagulant activity of Razaxaban is evaluated in the in vitro human plasma activated partial thromboplastin time (aPTT) and human prothrombin time (PT) assays. Razaxaban shows a doubling of aPTT and PT at 6.1 μM and 2.1 μM, respectively.
In vivo	Treatment with Razaxaban inhibits thrombus formation in a dose-dependent manner (ID ₅₀ of 1.6 μmol/kg/h in the rabbit arterio-venous shunt thrombosis model).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7702 mL	8.8508 mL	17.7016 mL
5 mM	0.354 mL	1.7702 mL	3.5403 mL
10 mM	0.177 mL	0.8851 mL	1.7702 mL
50 mM	0.0354 mL	0.177 mL	0.354 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

Quan ML, et al. Discovery of 1-(3'-aminobenzisoxazol-5'-yl)-3-trifluoromethyl-N-[2-fluoro-4-[(2'-dimethylaminomethyl)imidazol-1-yl]phenyl]-1H-pyrazole-5-carboxamide hydrochloride (razaxaban), a highly potent, selective, and orally bioavailable factor Xa inhibitor. J Med Chem. 2005 Mar 24;48(6):1729-44.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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