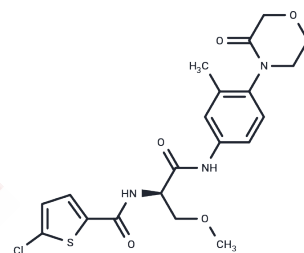


EMD 495235

Chemical Properties

CAS No. : 811811-33-3
 Formula: C₂₀H₂₂ClN₃O₅
 Molecular Weight: 451.92
 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	EMD 495235 is a potent, orally active coagulation factor Xa inhibitor with an IC ₅₀ of 5.5 nM and a K of 6.8 nM, demonstrating anticoagulant activities [1].
Targets(IC50)	Factor Xa
In vivo	In Wistar rats, Beagle dogs, and cynomolgus monkeys, EMD 495235 is rapidly absorbed from the gastrointestinal tract, with a plasma elimination half-life ranging from 0.57 to 2.3 hours, a clearance rate between 0.25 and 1.3 L/h/kg, and an absolute bioavailability of 60-80% [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2128 mL	11.0639 mL	22.1278 mL
5 mM	0.4426 mL	2.2128 mL	4.4256 mL
10 mM	0.2213 mL	1.1064 mL	2.2128 mL
50 mM	0.0443 mL	0.2213 mL	0.4426 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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