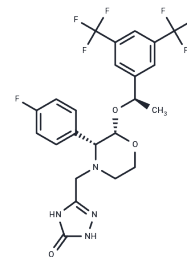


(1R,2S,3R)-Aprepitant

Chemical Properties

CAS No. :	1185502-97-9
Formula:	C ₂₃ H ₂₁ F ₇ N ₄ O ₃
Molecular Weight:	534.427
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	(1R,2S,3R)-Aprepitant (Compound ent-4) is a competitive antagonist of the human neurokinin-1 (NK-1) receptor. It holds potential for research in the treatment of nausea and vomiting related to cancer or postoperative conditions.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8712 mL	9.3558 mL	18.7115 mL
5 mM	0.3742 mL	1.8712 mL	3.7423 mL
10 mM	0.1871 mL	0.9356 mL	1.8712 mL
50 mM	0.0374 mL	0.1871 mL	0.3742 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

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