

Rimegepant hemisulfate

Chemical Properties

CAS No. :	1642783-82-1
Formula:	C ₂₈ H ₂₈ F ₂ N ₆ O ₃ .1/2H ₂ O ₄ S
Molecular Weight:	583.605
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Rimegepant (BMS-927711) hemisulfate is a potent, orally active selective competitive antagonist of the calcitonin gene-related peptide (CGRP) receptor, with a K_i of 0.027 nM and an IC_{50} of 0.14 nM for the hCGRP receptor. Rimegepant hemisulfate is utilized in migraine research.
Targets(IC_{50})	CGRP Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7135 mL	8.5674 mL	17.1347 mL
5 mM	0.3427 mL	1.7135 mL	3.4269 mL
10 mM	0.1713 mL	0.8567 mL	1.7135 mL
50 mM	0.0343 mL	0.1713 mL	0.3427 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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