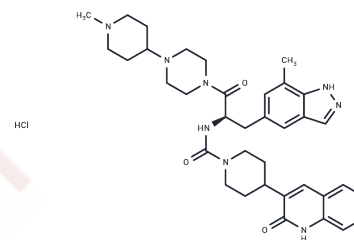


Vazegepant hydrochloride

Chemical Properties

CAS No. :	1414976-20-7
Formula:	C ₃₆ H ₄₇ ClN ₈ O ₃
Molecular Weight:	675.3
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	Vazegepant hydrochloride (Vazegepant HCl) is the first intranasal gepant for the acute treatment of migraine and has announced a positive phase II/III study.
Targets(IC50)	CGRP Receptor

Solubility Information

Solubility	DMSO: 30 mg/mL (44.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4808 mL	7.4041 mL	14.8082 mL
5 mM	0.2962 mL	1.4808 mL	2.9616 mL
10 mM	0.1481 mL	0.7404 mL	1.4808 mL
50 mM	0.0296 mL	0.1481 mL	0.2962 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

Moreno-Ajona D , Abigail Pérez-Rodríguez, Goadsby P J . Gepants, calcitonin-gene-related peptide receptor antagonists: what could be their role in migraine treatment? [J]. Current Opinion in Neurology, 2020, 33(3):1.

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