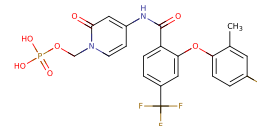


VX-150

Chemical Properties

CAS No. : 1793080-72-4
 Formula: C₂₁H₁₇F₄N₂O₇P
 Molecular Weight: 516.34
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	VX-150 is a highly selective NaV1.8 inhibitor relative to the other sodium channel subtypes (>400-fold).
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 125 mg/mL (242.09 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9367 mL	9.6835 mL	19.3671 mL
5 mM	0.3873 mL	1.9367 mL	3.8734 mL
10 mM	0.1937 mL	0.9684 mL	1.9367 mL
50 mM	0.0387 mL	0.1937 mL	0.3873 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.

Reference

Hemme J Hijma, et al. A Phase 1, Randomized, Double-Blind, Placebo-Controlled, Crossover Study to Evaluate the Pharmacodynamic Effects of VX-150, a Highly Selective NaV1.8 Inhibitor, in Healthy Male Adults. Pain Med. 2021

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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