

PF-05150122

## Chemical Properties

CAS No. : 1235406-00-4

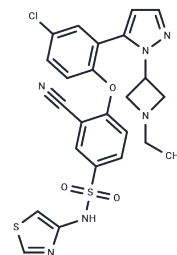
Formula: C<sub>24</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight: 541.04

Store at low temperature

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	PF-05150122 is a potent and selective human Nav1.7 channel blocker (IC <sub>50</sub> =19 nM) with oral activity for treating acute or chronic pain.
Targets(IC <sub>50</sub> )	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8483 mL	9.2415 mL	18.4829 mL
5 mM	0.3697 mL	1.8483 mL	3.6966 mL
10 mM	0.1848 mL	0.9241 mL	1.8483 mL
50 mM	0.037 mL	0.1848 mL	0.3697 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

Jones HM, et al. Clinical Micro-Dose Studies to Explore the Human Pharmacokinetics of Four Selective Inhibitors of Human Nav1.7 Voltage-Dependent Sodium Channels. Clin Pharmacokinet. 2016;55(7):875-887.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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