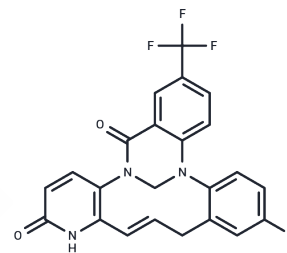


Nav1.8-IN-5

## Chemical Properties

CAS No. : 3023247-79-9  
 Formula: C<sub>23</sub>H<sub>15</sub>F<sub>4</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 441.38  
 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	Nav1.8-IN-5 (Example 1), a voltage-gated sodium channel Nav1.8 inhibitor, is applicable in the research of Nav1.8-mediated diseases including pain, pain-related disorders, and cardiovascular diseases (such as atrial fibrillation) [1].
Targets(IC50)	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2656 mL	11.3281 mL	22.6562 mL
5 mM	0.4531 mL	2.2656 mL	4.5312 mL
10 mM	0.2266 mL	1.1328 mL	2.2656 mL
50 mM	0.0453 mL	0.2266 mL	0.4531 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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