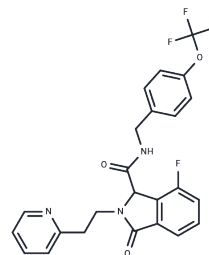


## Sodium Channel inhibitor 1

## Chemical Properties

CAS No. :	1198117-23-5
Formula:	C <sub>24</sub> H <sub>19</sub> F <sub>4</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	473.42
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	Sodium Channel inhibitor1 is a novel and selective voltage-gated sodium channel for pain treatment. (IC <sub>50</sub> Value of 0.16 $\mu$ M and 0.41 $\mu$ M for Na v1.7, V hold-90mV and Na v1.7, V hold-90mV)
Targets(IC <sub>50</sub> )	Others,Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1123 mL	10.5614 mL	21.1229 mL
5 mM	0.4225 mL	2.1123 mL	4.2246 mL
10 mM	0.2112 mL	1.0561 mL	2.1123 mL
50 mM	0.0422 mL	0.2112 mL	0.4225 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

MacSari I, et al. 3-Oxoisindoline-1-carboxamides: potent, state-dependent blockers of voltage-gated sodium channel Na(V)1.7 with efficacy in rat pain models. J Med Chem. 2012 Aug 9;55(15):6866-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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