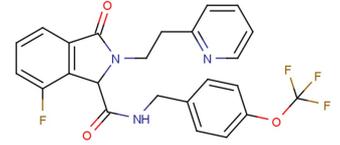


## Data Sheet (Cat.No.T12948)

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  
 Appearance: N/A  
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



### 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 uM and 0.41 uM for Na v1.7, V hold-90mV and Na v1.7, V hold-90mV)
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.112 mL	10.561 mL	21.123 mL
5 mM	0.422 mL	2.112 mL	4.225 mL
10 mM	0.211 mL	1.056 mL	2.112 mL
50 mM	0.042 mL	0.211 mL	0.422 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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