

Data Sheet (Cat.No.T12182)

Nav1.7-IN-2

Chemical Properties

CAS No.:	1332295-35-8
Formula:	C22H22FN5O2
Molecular Weight:	407.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Nav1.7-IN-2 is avoltage-gated sodium channels (Nav) inhibitor in particular Nav 1.7(IC50 of 80 nM).
Targets(IC50)	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	2.454 mL	12.272 mL	24.543 mL
5 mM	0.491 mL	2.454 mL	4.909 mL
10 mM	0.245 mL	1.227 mL	2.454 mL
50 mM	0.049 mL	0.245 mL	0.491 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. Bregman Howard, et al. Preparation of aryl carboxamide derivatives as sodium channel inhibitors for treatment of pain. From PCT Int. Appl. (2011), WO 2011103196 A1 20110825.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481