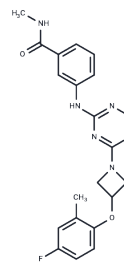


Nav1.7-IN-2

Chemical Properties

CAS No. : 1332295-35-8
 Formula: C₂₂H₂₂FN₅O₂
 Molecular Weight: 407.44
 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	Nav1.7-IN-2 is avoltage-gated sodium channels (Nav) inhibitor in particular Nav 1.7 (IC ₅₀ of 80 nM).
Targets(IC ₅₀)	Others,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4543 mL	12.2717 mL	24.5435 mL
5 mM	0.4909 mL	2.4543 mL	4.9087 mL
10 mM	0.2454 mL	1.2272 mL	2.4543 mL
50 mM	0.0491 mL	0.2454 mL	0.4909 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481