

## Nav1.3 channel inhibitor 1

## Chemical Properties

CAS No. :

Formula: C19H15F2N3O3S2

Molecular Weight: 435.47

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	Nav1.3 Channel Inhibitor 1 (Compound 15b) is a state-dependent inhibitor of the voltage-gated sodium channel Na v 1.3, with an IC50 value of 20 nM. It has the ability to cross the blood-brain barrier, making it applicable for research into nervous system disorders [1].
Targets(IC50)	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2964 mL	11.4818 mL	22.9637 mL
5 mM	0.4593 mL	2.2964 mL	4.5927 mL
10 mM	0.2296 mL	1.1482 mL	2.2964 mL
50 mM	0.0459 mL	0.2296 mL	0.4593 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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