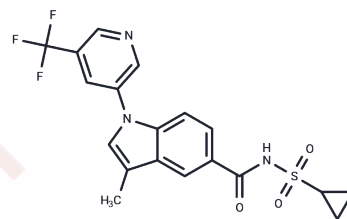


DS43260857

## Chemical Properties

CAS No. : 1612158-07-2  
 Formula: C<sub>19</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S  
 Molecular Weight: 423.41  
 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	DS43260857 is a potent NaV1.7 inhibitor with high inhibitory effects on both human and mouse NaV1.7, exhibiting IC <sub>50</sub> values of 6.6 μM for hNaV1.1, 14 μM for hNaV1.5, 0.015 μM for hNaV1.7, and 0.061 μM for mNaV1.7 [1].
Targets(IC <sub>50</sub> )	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3618 mL	11.8089 mL	23.6178 mL
5 mM	0.4724 mL	2.3618 mL	4.7236 mL
10 mM	0.2362 mL	1.1809 mL	2.3618 mL
50 mM	0.0472 mL	0.2362 mL	0.4724 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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