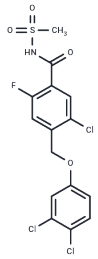
Data Sheet (Cat.No.T12184)

TargetMol

Nav1.7 inhibitor

Chemical Properties



CAS No. : 1355631-24-1

Formula: C15H11Cl3FNO4S

Molecular Weight: 426.68

Appearance: no data available

Storage: store at low temperature
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Nav1.7 inhibitor is a Nav1.7 inhibitor for research in the field of pain and anesthesia.
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 80.00 mg/mL (187.49 mM),Sonication is recommended. H2O: < 0.1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3437 mL	11.7184 mL	23.4368 mL
5 mM	0.4687 mL	2.3437 mL	4.6874 mL
10 mM	0.2344 mL	1.1718 mL	2.3437 mL
50 mM	0.0469 mL	0.2344 mL	0.4687 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.

Reference

Alan Daniel Brown, et al. Preparation of sulfonamide derivatives as Nav1.7 inhibitors. Patent WO2012007868A2.

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481