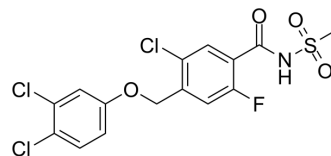


Nav1.7 inhibitor

Cat. No.:	HY-13985		
CAS No.:	1355631-24-1		
Molecular Formula:	C ₁₅ H ₁₁ Cl ₃ FNO ₄ S		
Molecular Weight:	426.67		
Target:	Sodium Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (234.37 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration	Mass	Mass	Mass
1 mM	2.3437 mL	11.7187 mL	23.4373 mL	
5 mM	0.4687 mL	2.3437 mL	4.6875 mL	
10 mM	0.2344 mL	1.1719 mL	2.3437 mL	

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (5.86 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Nav1.7 inhibitor (compound II), a sulfonamide, is a potent Nav1.7 inhibitor. Nav1.7 inhibitor has the potential for a wide range of disorders, particularly pain^[1].

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA