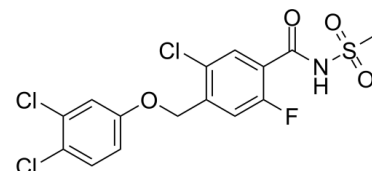


Data Sheet

Product Name:	Nav1.7 inhibitor
Cat. No.:	CS-2100
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
Solubility:	DMSO : ≥ 100 mg/mL (234.37 mM); H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

Nav1.7 inhibitor is a potent Nav1.7 inhibitor. IC₅₀ value: Target: Nav1.7 Preparation of sulfonamide derivatives as Nav1.7 inhibitors By Brown, Alan Daniel; Rawson, David James; Storer, Robert Ian; Swain, Nigel Alan From PCT Int. Appl. (2012), WO 2012007868 A2 20120119.

References:

[1]. Preparation of sulfonamide derivatives as Nav1.7 inhibitors. Patent WO 2012007868 A2 20120119

CAIndexNames:

Benzamide, 5-chloro-4-[(3,4-dichlorophenoxy)methyl]-2-fluoro-N-(methylsulfonyl)-

SMILES:

O=C(NS(=O)(C)=O)C1=CC(Cl)=C(COC2=CC=C(Cl)C(Cl)=C2)C=C1F

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

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