

Product Data Sheet

Product Name: Nav1.7 inhibitor

Cat. No.: GC36697

Chemical Properties

Cas. No. 1355631-24-1

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

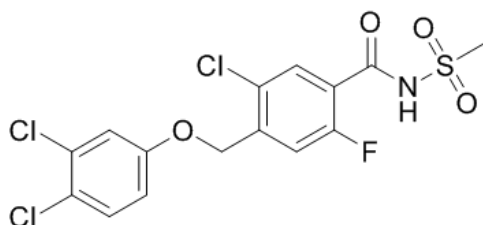
Formula $C_{15}H_{11}Cl_3FNO_4S$ M.Wt 426.67

Solubility DMSO: ≥ 100 mg/mL (234.37 mM); Storage Store at $-20^{\circ}C$
Water: < 0.1 mg/mL (insoluble)

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

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.

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

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

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