

Nav1.7-IN-18

Chemical Properties

CAS No. :

Formula: C₃₀H₃₃Cl₂F₂N₄O₄

Molecular Weight: 580.49

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	Nav1.7-IN-18 (Compound 31) is a Nav1.7 inhibitor with a K _i value of 4.9 nM and an IC ₅₀ of 13 nM, demonstrating analgesic effects in transgenic mice with inherited erythromelalgia (IEM).
Targets(IC ₅₀)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7227 mL	8.6134 mL	17.2268 mL
5 mM	0.3445 mL	1.7227 mL	3.4454 mL
10 mM	0.1723 mL	0.8613 mL	1.7227 mL
50 mM	0.0345 mL	0.1723 mL	0.3445 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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481