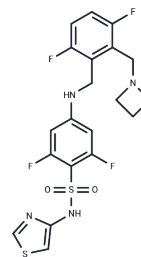


XPC-5462

Chemical Properties

CAS No. : 2230145-14-7
 Formula: C₂₀H₁₈F₄N₄O₂S₂
 Molecular Weight: 486.51
 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	XPC-5462 effectively inhibits NaV1.6 and NaV1.2 channels with IC ₅₀ values of 10.9 nM and 10.3 nM, respectively, and reduces epileptiform activity in an ex vivo brain slice seizure model [1].
Targets(IC ₅₀)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0555 mL	10.2773 mL	20.5546 mL
5 mM	0.4111 mL	2.0555 mL	4.1109 mL
10 mM	0.2055 mL	1.0277 mL	2.0555 mL
50 mM	0.0411 mL	0.2055 mL	0.4111 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