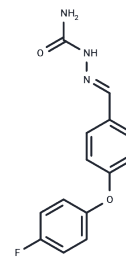


Co 102862

Chemical Properties

CAS No. : 181144-66-1
 Formula: C₁₄H₁₂FN₃O₂
 Molecular Weight: 273.26
 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	Co 102862 is a voltage-gated sodium channel blocker. Co 102862 can be used for anticonvulsant studies.
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 13.75 mg/mL (50.32 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6595 mL	18.2976 mL	36.5952 mL
5 mM	0.7319 mL	3.6595 mL	7.319 mL
10 mM	0.366 mL	1.8298 mL	3.6595 mL
50 mM	0.0732 mL	0.366 mL	0.7319 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.

Reference

Ilyin VI, et al. V102862 (Co 102862): a potent, broad-spectrum state-dependent blocker of mammalian voltage-gated sodium channels. Br J Pharmacol. 2005 Mar;144(6):801-12.

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