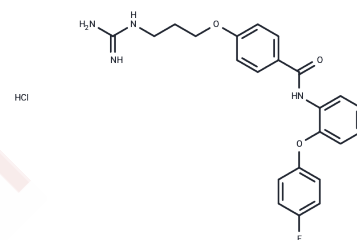


MONIRO-1

Chemical Properties

CAS No. :	1909225-94-0
Formula:	C ₂₃ H ₂₄ ClFN ₄ O ₃
Molecular Weight:	458.92
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	MONIRO-1 is a T- and N-type calcium channel blocker that acts on hCav2.2 (IC ₅₀ : 34 μM), hCav3.1 (IC ₅₀ : 3.3 μM), hCav3.2 (IC ₅₀ : 1.7 μM) and hCav3.3 (IC ₅₀ : 7.2 μM).
Targets(IC ₅₀)	Others, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.179 mL	10.8951 mL	21.7903 mL
5 mM	0.4358 mL	2.179 mL	4.3581 mL
10 mM	0.2179 mL	1.0895 mL	2.179 mL
50 mM	0.0436 mL	0.2179 mL	0.4358 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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