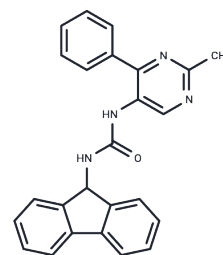


TrkA-IN-1

Chemical Properties

CAS No. :	1680179-43-4
Formula:	C ₂₅ H ₂₀ N ₄ O
Molecular Weight:	392.45
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	TrkA-IN-1 is a potent and selective inhibitor of Tropomyosin-related kinase A (TrkA) [IC ₅₀ : 99 nM in a cell-based assay] with analgesic activity.
Targets(IC ₅₀)	Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5481 mL	12.7405 mL	25.481 mL
5 mM	0.5096 mL	2.5481 mL	5.0962 mL
10 mM	0.2548 mL	1.274 mL	2.5481 mL
50 mM	0.051 mL	0.2548 mL	0.5096 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

Su HP, et al. Structural characterization of nonactive site, TrkA-selective kinase inhibitors. Proc Natl Acad Sci U S A. 2017 Jan 17;114(3):E297-E306.

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