

hTrkA-IN-1

Chemical Properties

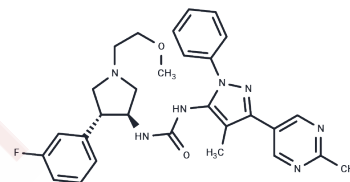
CAS No. : 1824664-89-2

Formula: C₂₉H₃₂FN₇O₂

Molecular Weight: 529.62

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	hTrkA-IN-1 is a potent and orally active inhibitor of TrkA kinase with an IC ₅₀ of 1.3 nM, compound 2.hTrkA-IN-1 can be used for the study of inflammatory disease, such as prostatitis, pelvic, et al.
Targets(IC ₅₀)	Others,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8881 mL	9.4407 mL	18.8815 mL
5 mM	0.3776 mL	1.8881 mL	3.7763 mL
10 mM	0.1888 mL	0.9441 mL	1.8881 mL
50 mM	0.0378 mL	0.1888 mL	0.3776 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

Shelley Allen, et al. 1-((3s,4r)-4-(3-fluorophenyl)-1-(2-methoxyethyl)pyrrolidin-3-yl)-3-(4-methyl-3-(2-methylpyrimidin-5-yl)-1-phenyl-1h-pyrazol-5-yl)urea as a trka kinase inhibitor. Patent WO2015175788A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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