

Trk-IN-7

Chemical Properties

CAS No. :

Formula: C18H17FN6O2

Molecular Weight: 368.36

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	Trk-IN-7 (compound I-6) is a highly potent TRK inhibitor, with IC50 values of 0.25-10 nM for TRKA, TRKB, and TRKC, respectively. It also shows significant inhibition of EML4-ALK (IC50 <15 nM) and ALK mutations G1202R, C1156Y, R1275Q, F1174L, L1197M, and G1269A (IC50 = 5-50 nM) [1].
Targets(IC50)	Others,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7147 mL	13.5737 mL	27.1474 mL
5 mM	0.5429 mL	2.7147 mL	5.4295 mL
10 mM	0.2715 mL	1.3574 mL	2.7147 mL
50 mM	0.0543 mL	0.2715 mL	0.5429 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