

TRK/ALK-IN-1

Chemical Properties

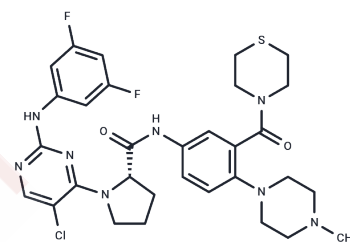
CAS No. :

Formula: C₃₁H₃₅ClF₂N₈O₂S

Molecular Weight: 657.18

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/ALK-IN-1 is a potent dual inhibitor of TRK and ALK, exhibiting good correlation between its enzymatic inhibition and anti-proliferative activities, with IC ₅₀ values of 2.2 nM for TRKA, 9.3 nM for ALK WT, and 38 nM for ALK L1196M. It holds potential for cancer research applications.
Targets(IC ₅₀)	Others,ALK,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5217 mL	7.6083 mL	15.2165 mL
5 mM	0.3043 mL	1.5217 mL	3.0433 mL
10 mM	0.1522 mL	0.7608 mL	1.5217 mL
50 mM	0.0304 mL	0.1522 mL	0.3043 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