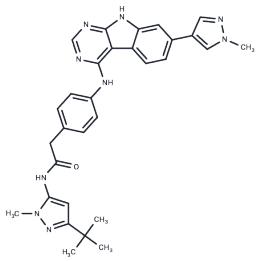
Data Sheet (Cat.No.T210358)

TargetMol

RET/TRKA-IN-1

Chemical Properties



CAS No. : 3048634-52-9

Formula: C30H31N9O

Molecular Weight: 533.63

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	RET/TRKA-IN-1 (Compound 13) is a dual inhibitor targeting RET with an IC50 of 0.375 μM and TRKA. It reduces cell viability of LC-2 and KM12, with GI50 values of 0.72 and 0.25 μM respectively. RET/TRKA-IN-1 also induces cell cycle arrest at the G1 phase.
Targets(IC50)	c-RET,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.874 mL	9.3698 mL	18.7396 mL
5 mM	0.3748 mL	1.874 mL	3.7479 mL
10 mM	0.1874 mL	0.937 mL	1.874 mL
50 mM	0.0375 mL	0.1874 mL	0.3748 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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