

RET-IN-16

Chemical Properties

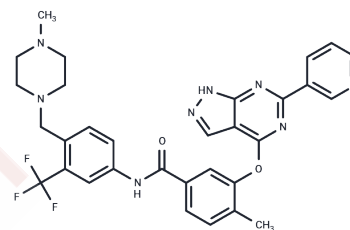
CAS No. : 2259657-48-0

Formula: C₃₁H₂₉F₃N₈O₂

Molecular Weight: 602.61

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-IN-16 is a potent, selective inhibitor of RET, exhibiting IC ₅₀ values of 3.98 nM for RET (WT), 8.42 nM for RET(M918T), 15.05 nM for RET(V804L), 7.86 nM for RET(V804M), 5.43 nM for RET-CCDC6, and 8.86 nM for RET-KIF5B, indicating its high efficacy across different RET mutations. It possesses anticancer properties.
Targets(IC ₅₀)	Others,c-RET

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6594 mL	8.2972 mL	16.5945 mL
5 mM	0.3319 mL	1.6594 mL	3.3189 mL
10 mM	0.1659 mL	0.8297 mL	1.6594 mL
50 mM	0.0332 mL	0.1659 mL	0.3319 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