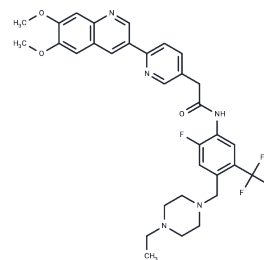


RET-IN-13

Chemical Properties

CAS No. : 2684258-54-4
 Formula: C₃₂H₃₃F₄N₅O₃
 Molecular Weight: 611.63
 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-IN-13, a quinoline-based compound, effectively inhibits the RET kinase, demonstrating IC ₅₀ values of 0.5 nM for RET (WT) and 0.9 nM for RET (V804M). It holds promise for research into tumors and intestinal diseases associated with abnormal RET activation.
Targets(IC ₅₀)	Others,c-RET

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.635 mL	8.1749 mL	16.3498 mL
5 mM	0.327 mL	1.635 mL	3.270 mL
10 mM	0.1635 mL	0.8175 mL	1.635 mL
50 mM	0.0327 mL	0.1635 mL	0.327 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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