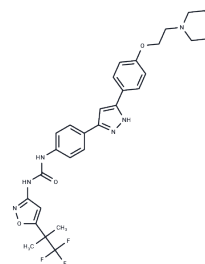


RET-IN-22

Chemical Properties

CAS No. : 2918281-79-3
 Formula: C₂₉H₃₁F₃N₆O₄
 Molecular Weight: 584.59
 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-22 (compound 17b) is a potent, selective, and orally active inhibitor of RET, exhibiting IC ₅₀ values of 20.9 nM for wild-type RET and 18.3 nM for RET-V804M. It demonstrates a highly selective inhibition profile across a broad spectrum of kinases, with notable specificity over EGFR and VEGFR2, and is implicated in exerting anticancer effects [1].
Targets(IC ₅₀)	Others,c-RET

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7106 mL	8.553 mL	17.106 mL
5 mM	0.3421 mL	1.7106 mL	3.4212 mL
10 mM	0.1711 mL	0.8553 mL	1.7106 mL
50 mM	0.0342 mL	0.1711 mL	0.3421 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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