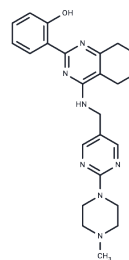


EGFR-IN-104

Chemical Properties

CAS No. :	2758904-45-7
Formula:	C ₂₃ H ₂₇ N ₇ O ₅
Molecular Weight:	449.57
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	EGFR-IN-104 (Compound A23) acts as a potent EGFR inhibitor, demonstrating IC ₅₀ values of 0.33 μM for EGFR L858R/T790M and 0.133 μM for EGFR Del19/T790M/C797S. It exhibits anticancer properties, effective both in vitro and in vivo [1].
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2243 mL	11.1217 mL	22.2435 mL
5 mM	0.4449 mL	2.2243 mL	4.4487 mL
10 mM	0.2224 mL	1.1122 mL	2.2243 mL
50 mM	0.0445 mL	0.2224 mL	0.4449 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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