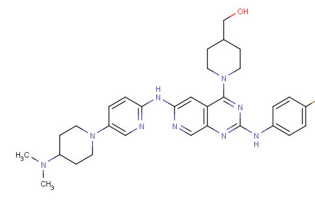


EGFR-IN-5

Chemical Properties

CAS No.:	2225887-26-1
Formula:	C31H38FN9O
Molecular Weight:	571.69
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	EGFR-IN-5 is a EGFR inhibitor, EGFR-IN-5 with IC50s of 10.4, 1.1, 34, 7.2 nM for EGFR, EGFR L858R, EGFR L858R/T790M, and EGFR L858R/T790M/C797S, respectively.
Targets(IC ₅₀)	EGFR: 10.4 nM EGFR L858R: 1.1 nM EGFR L858R/T790M: 34 nM EGFR L858R/T790M/C797S: 7.2 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.749 mL	8.746 mL	17.492 mL
5 mM	0.35 mL	1.749 mL	3.498 mL
10 mM	0.175 mL	0.875 mL	1.749 mL
50 mM	0.035 mL	0.175 mL	0.35 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Zhang H, et al. Discovery of 2,4,6-trisubstitued pyrido[3,4-d]pyrimidine derivatives as new EGFR-TKIs. Eur J Med Chem. 2018 Mar 25;148:221-237.

Inhibitors · Natural Compounds · Compound Libraries

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