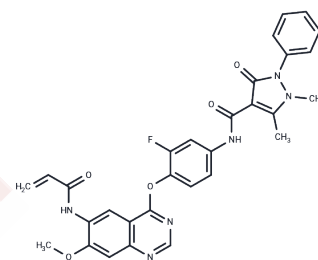


EGFR/c-Met-IN-1

Chemical Properties

CAS No. :	3020728-68-8
Formula:	C30H25FN6O5
Molecular Weight:	568.56
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/c-Met-IN-1 (compound TS-41) is a dual inhibitor targeting EGFR and c-Met, with IC50 values of 68.1 nM for EGFR L858R and 0.26 nM for c-Met. EGFR/c-Met-IN-1 induces apoptosis and cell cycle arrest in A549-P cells, and reduces phosphorylation of EGFR, c-Met, and downstream AKT. This compound effectively inhibits tumor growth both in vitro and in vivo.
Targets(IC50)	EGFR,c-Met/HGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7588 mL	8.7941 mL	17.5883 mL
5 mM	0.3518 mL	1.7588 mL	3.5177 mL
10 mM	0.1759 mL	0.8794 mL	1.7588 mL
50 mM	0.0352 mL	0.1759 mL	0.3518 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

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