

BI-4732

## Chemical Properties

CAS No. : 2769715-68-4

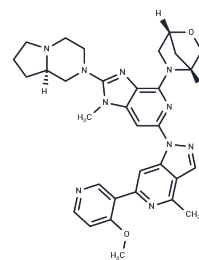
Formula: C32H36N10O2

Molecular Weight: 592.69

Store at low temperature

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	BI-4732 is an epidermal growth factor receptor (EGFR) tyrosine kinase inhibitor (TKI) with high blood-brain barrier permeability, antitumor activity, inhibition of EGFR activation, and inhibition of T790M mutations.
Targets(IC50)	ERK,EGFR,Akt,S6 Kinase

## Solubility Information

Solubility	DMSO: 4 mg/mL (6.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6872 mL	8.4361 mL	16.8722 mL
5 mM	0.3374 mL	1.6872 mL	3.3744 mL
10 mM	0.1687 mL	0.8436 mL	1.6872 mL
50 mM	0.0337 mL	0.1687 mL	0.3374 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.

## Reference

Lee EJ, et al. Discovery of a Novel Potent EGFR Inhibitor Against EGFR Activating Mutations and On-Target Resistance in NSCLC. Clin Cancer Res. 2024 Apr 15;30(8):1582-1594.

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