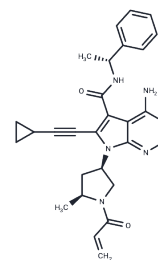


TAS2940 free base

Chemical Properties

CAS No. :	2451398-65-3
Formula:	C ₂₈ H ₃₀ N ₆ O ₂
Molecular Weight:	482.58
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	TAS2940 is an irreversible pan-ERBB inhibitor with enhanced brain penetration, utilized for treating lung cancer brain metastases and glioblastomas with HER2/EGFR exon 20 insertions and EGFR abnormalities. In intracranial xenograft models of HER2/EGFR cancers, TAS2940 has demonstrated efficacy in improving survival rates in mice. Currently, TAS2940 is undergoing Phase I clinical trials to establish the maximum tolerated dose for solid tumors.
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0722 mL	10.361 mL	20.722 mL
5 mM	0.4144 mL	2.0722 mL	4.1444 mL
10 mM	0.2072 mL	1.0361 mL	2.0722 mL
50 mM	0.0414 mL	0.2072 mL	0.4144 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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