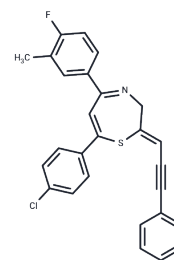


TZEP7

Chemical Properties

CAS No. : 2566714-41-6
 Formula: C₂₇H₁₉ClFNS
 Molecular Weight: 443.963
 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	TZEP7 functions as an EGFR kinase inhibitor in cancer cells. It exhibits cytotoxicity and induces apoptosis within these cells. TZEP7 downregulates the anti-apoptotic protein Bcl-2, upregulates the pro-apoptotic protein Bax, and increases caspase levels. This compound holds potential for research in anticancer drug development.
Targets(IC50)	Apoptosis,EGFR,Bcl-2 Family,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2525 mL	11.2623 mL	22.5246 mL
5 mM	0.4505 mL	2.2525 mL	4.5049 mL
10 mM	0.2252 mL	1.1262 mL	2.2525 mL
50 mM	0.045 mL	0.2252 mL	0.4505 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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