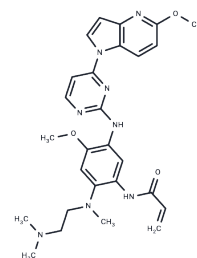


BEBT-109

Chemical Properties

CAS No. : 2050906-40-4
 Formula: C₂₇H₃₂N₈O₃
 Molecular Weight: 516.6
 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	BEBT-109 is a selective epidermal growth factor receptor (EGFR) inhibitor that shows anti-tumor activity in EGFR-mutant non-small cell lung cancer.
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9357 mL	9.6787 mL	19.3573 mL
5 mM	0.3871 mL	1.9357 mL	3.8715 mL
10 mM	0.1936 mL	0.9679 mL	1.9357 mL
50 mM	0.0387 mL	0.1936 mL	0.3871 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

Fan F, et al. BEBT-109, a pan-mutant-selective EGFR inhibitor with potent antitumor activity in EGFR-mutant non-small cell lung cancer. *Transl Oncol.* 2021 Feb;14(2):100961.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481