

EGFR/BRAFV600E-IN-3

Chemical Properties

CAS No. :

Formula: C₂₅H₁₈N₄O₃

Molecular Weight: 422.44

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/BRAFV600E-IN-3 is an inhibitor targeting EGFR, BRAFV600E, and EGFR T790M with IC ₅₀ values of 57 nM, 68 nM, and 9.70 nM, respectively. It induces apoptosis and exhibits promising antioxidant activity [1].
Targets(IC ₅₀)	Apoptosis,EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3672 mL	11.836 mL	23.672 mL
5 mM	0.4734 mL	2.3672 mL	4.7344 mL
10 mM	0.2367 mL	1.1836 mL	2.3672 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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

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