

## EGFR/BRAFV600E-IN-1

## Chemical Properties

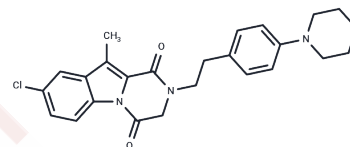
CAS No. : 2492429-45-3

Formula: C<sub>24</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>3</sub>

Molecular Weight: 437.92

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-1 (Compound 23) is a potent dual inhibitor of EGFR (IC <sub>50</sub> : 0.08 μM) and BRAFV600E (IC <sub>50</sub> : 0.15 μM), exhibiting anti-proliferative effects on A-549 (IC <sub>50</sub> : 1.2 μM), MCF-7 (IC <sub>50</sub> : 0.79 μM), Panc-1 (IC <sub>50</sub> : 1.3 μM), and HT-29 (IC <sub>50</sub> : 1.23 μM).
Targets(IC <sub>50</sub> )	Apoptosis,EGFR,Raf,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2835 mL	11.4176 mL	22.8352 mL
5 mM	0.4567 mL	2.2835 mL	4.567 mL
10 mM	0.2284 mL	1.1418 mL	2.2835 mL
50 mM	0.0457 mL	0.2284 mL	0.4567 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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