# Data Sheet (Cat.No.T63189)

TargetMol

## EGFR/BRAF-IN-1

### Chemical Properties

CAS No. :

Formula: C26H28ClN3O4

Molecular Weight: 481.97

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/BRAF-IN-1, a 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivative, is a potent inhibitor of EGFR/BRAF, inhibiting BRAFV600E (IC50:45 nM) and cancer cell proliferation (GI50=35 nM), with good antioxidant effect. |
| Targets(IC50) | EGFR,Raf,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.0748 mL | 10.3741 mL | 20.7482 mL |
| 5 mM | 0.415 mL | 2.0748 mL | 4.1496 mL |
| 10 mM | 0.2075 mL | 1.0374 mL | 2.0748 mL |
| 50 mM | 0.0415 mL | 0.2075 mL | 0.415 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

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