

## VEGFR-2/BRAF-IN-1

### Chemical Properties

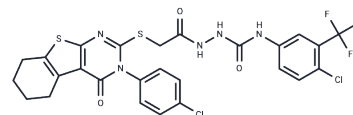
CAS No. :

Formula: C<sub>26</sub>H<sub>20</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>5</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight: 642.5

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | VEGFR-2/BRAF-IN-1, a dual inhibitor of VEGFR-2 and BRAF kinases, demonstrates potent inhibitory activity with IC <sub>50</sub> values of 0.049 μM for VEGFR-2, 0.063 μM for BRAF V600E, and 0.005 μM for BRAF WT. It effectively induces apoptosis and arrests the cell cycle primarily at the G1/S phase. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.5564 mL | 7.7821 mL | 15.5642 mL |
| 5 mM  | 0.3113 mL | 1.5564 mL | 3.1128 mL  |
| 10 mM | 0.1556 mL | 0.7782 mL | 1.5564 mL  |
| 50 mM | 0.0311 mL | 0.1556 mL | 0.3113 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.

**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:36 Washington Street,Wellesley Hills,MA 02481