

## VEGFR-2/BRAF-IN-1

## Chemical Properties

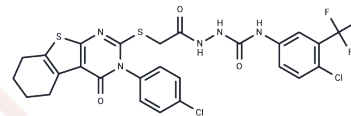
CAS No. :

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

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	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 G <sub>1</sub> /S phase.
Targets(IC <sub>50</sub> )	Apoptosis,Raf,Others,VEGFR

## 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.

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

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