

VEGFR-2/BRAF-IN-2

Chemical Properties

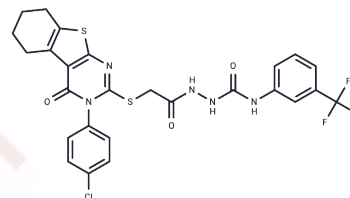
CAS No. :

Formula: C₂₆H₂₁ClF₃N₅O₃S₂

Molecular Weight: 608.05

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-2, as a dual VEGFR-2 and BRAF kinase inhibitor, exhibits potent IC ₅₀ values of 0.111 μM, 0.089 μM, and 0.071 μM against VEGFR-2, BRAF V600E, and BRAF WT, respectively. This compound effectively induces apoptosis and predominantly arrests the cell cycle in the G1 phase.
Targets(IC ₅₀)	Apoptosis,Raf,Others,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6446 mL	8.223 mL	16.446 mL
5 mM	0.3289 mL	1.6446 mL	3.2892 mL
10 mM	0.1645 mL	0.8223 mL	1.6446 mL
50 mM	0.0329 mL	0.1645 mL	0.3289 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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