

VEGFR-2-IN-63

Chemical Properties

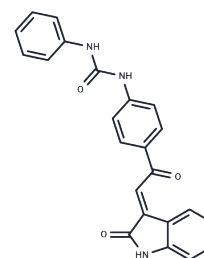
CAS No. :

Formula: C₂₃H₁₇N₃O₃

Molecular Weight: 383.399

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-IN-63 (Compound 12b) is an inhibitor of VEGFR2, reducing 87.2% of VEGFR-2 activity at 10 μ M. It exhibits anti-proliferative activity against various cancer cells, with IC ₅₀ values of 6.5 μ M for HCT116, 2.1 μ M for MCF7, and 4.1 μ M for PaCa2.
Targets(IC ₅₀)	VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6082 mL	13.0412 mL	26.0824 mL
5 mM	0.5216 mL	2.6082 mL	5.2165 mL
10 mM	0.2608 mL	1.3041 mL	2.6082 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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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