

VEGFR-2-IN-17

Chemical Properties

CAS No. :

Formula: C₂₁H₁₄ClN₃O₂

Molecular Weight: 375.81

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-17 (Compound 15a) is a highly potent inhibitor of Vascular Endothelial Growth Factor Receptor 2 (VEGFR-2) with an IC ₅₀ of 67.25 nM and exhibits significant antitumor properties [1].
Targets(IC ₅₀)	Others,VEGFR
In vitro	VEGFR-2-IN-17 (Compound 15a) exhibits antiproliferative effects with IC ₅₀ values of 34.59 ± 2.82 μM in HepG2 cells, 30.28 ± 2.56 μM in PC3 cells, 47.10 ± 3.59 μM in MCF-7 cells, and 250.33 ± 2.51 μM in WI-38 cells, reflecting its efficacy against these cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6609 mL	13.3046 mL	26.6092 mL
5 mM	0.5322 mL	2.6609 mL	5.3218 mL
10 mM	0.2661 mL	1.3305 mL	2.6609 mL
50 mM	0.0532 mL	0.2661 mL	0.5322 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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