

## VEGFR-2-IN-18

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>2</sub>

Molecular Weight: 376.8

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-18 (Compound 15d) is a high-potency inhibitor of VEGFR-2, exhibiting an IC <sub>50</sub> value of 60 nM. This compound effectively induces cell apoptosis and demonstrates significant antitumor properties [1].
Targets(IC <sub>50</sub> )	Apoptosis,Others,VEGFR
In vitro	VEGFR-2-IN-18 (Compound 15d) demonstrates antiproliferative efficacy with IC <sub>50</sub> values of 24.10 ± 2.12 μM for HepG2 cells, 40.90 ± 3.46 μM for PC3 cells, 33.40 ± 2.92 μM for MCF-7 cells, and 221.25 ± 2.55 μM for WI-38 cells [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6539 mL	13.2696 mL	26.5393 mL
5 mM	0.5308 mL	2.6539 mL	5.3079 mL
10 mM	0.2654 mL	1.327 mL	2.6539 mL
50 mM	0.0531 mL	0.2654 mL	0.5308 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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