

VEGF-IN-1

Chemical Properties

CAS No. :

Formula: C₂₇H₂₂Cl₂N₄Ru

Molecular Weight: 574.47

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	VEGF-IN-1 (compound 6) reduces the release of VEGF in U87-MG cells and inhibits angiogenesis in vitro. Additionally, it suppresses cell proliferation by inducing autophagy in tumor cells, with an IC ₅₀ value of 28.35 μM against U87-MG cells.
Targets(IC ₅₀)	VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7407 mL	8.7037 mL	17.4073 mL
5 mM	0.3481 mL	1.7407 mL	3.4815 mL
10 mM	0.1741 mL	0.8704 mL	1.7407 mL
50 mM	0.0348 mL	0.1741 mL	0.3481 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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