

VEGFR-2-IN-61

Chemical Properties

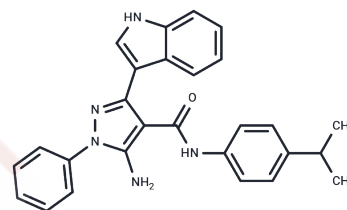
CAS No. :

Formula: C₂₇H₂₅N₅O

Molecular Weight: 435.52

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-61 (Compound 7b) is an inhibitor of VEGFR-2 with an IC ₅₀ of 2.83 μM. It effectively inhibits the proliferation of various cancer cells, including MCF-7 cells, with an IC ₅₀ of 2.12 μM. Additionally, VEGFR-2-IN-61 suppresses cell migration and induces oxidative stress and apoptosis in MCF-7 cells.
Targets(IC ₅₀)	Apoptosis, Reactive Oxygen Species, ROS, VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2961 mL	11.4805 mL	22.9611 mL
5 mM	0.4592 mL	2.2961 mL	4.5922 mL
10 mM	0.2296 mL	1.1481 mL	2.2961 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481