

VEGFR-2-IN-59

Chemical Properties

CAS No. :

Formula: C₁₉H₂₀N₆O₄

Molecular Weight: 396.4

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-59 (Compound 3h) is an inhibitor of VEGFR2 with an IC ₅₀ of 3.73 μM. It exhibits cytotoxicity in cancer cell lines A549, HT-29, A375, MCF7, and NHDF, with IC ₅₀ values of 20.91, 19.70, 9.63, 17.43, and 20.71 μM, respectively. VEGFR-2-IN-59 also inhibits tubular structure formation and demonstrates anti-angiogenic properties.
Targets(IC ₅₀)	VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5227 mL	12.6135 mL	25.227 mL
5 mM	0.5045 mL	2.5227 mL	5.0454 mL
10 mM	0.2523 mL	1.2614 mL	2.5227 mL
50 mM	0.0505 mL	0.2523 mL	0.5045 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