

VEGFR-2-IN-67

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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-67 (Compound 6b) functions as an inhibitor of vascular endothelial growth factor receptor 2 (VEGFR-2), with IC50 values of 5.91 μ M for MDA-231 cells and 7.16 μ M for MCF-7 cells. Its inhibitory activity on VEGFR-2 is comparable to Sorafenib (IC50 of 53.63 nM). VEGFR-2-IN-67 exhibits significant anticancer activity by inducing cell apoptosis (with an early apoptosis rate of 57.20%), causing G1 phase cell cycle arrest, upregulating pro-apoptotic markers, and downregulating Bcl-2. This compound is utilized in cancer research.
Targets(IC50)	VEGFR

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