

VEGFR-2-IN-68

## Chemical Properties

CAS No. :

Formula: C<sub>27</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub>S

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-68 (13b) is an inhibitor of VEGFR-2 with an IC <sub>50</sub> value of 41.51 nM. It can induce apoptosis and cause G <sub>2</sub> /M cell cycle arrest, as well as exhibit anti-cancer metastasis properties.
Targets(IC <sub>50</sub> )	Ferroptosis
In vitro	VEGFR-2-IN-68 (13b) exhibits potent antiproliferative effects across various cancer cell lines, with IC <sub>50</sub> values of 3.98 μM in MCF-7 cells, 7.66 μM in HCT-116 cells, and 11.81 μM in HepG2 cells. It demonstrates no significant toxicity to normal cells (WI-38).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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