VEGFR2-IN-7

Cat. No.: HY-18926

CAS No.: 174258-31-2

Molecular Formula: $C_{18}H_{17}NO_3$

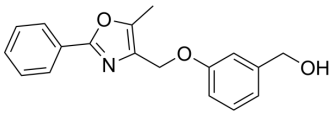
Molecular Weight: 295.33

Target: VEGFR

Pathway: Protein Tyrosine Kinase/RTK

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (677.21 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	3.3860 mL	16.9302 mL	33.8604 mL
5 mM	0.6772 mL	3.3860 mL	6.7721 mL
10 mM	0.3386 mL	1.6930 mL	3.3860 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: 5 mg/mL (16.93 mM); Clear solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: 5 mg/mL (16.93 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

VEGFR2-IN-7 (compound E) is an inhibitor of VEGFR2. VEGFR2-IN-7 can used in study cancers[1].

REFERENCES

[1]. Iwata H, et al. A Back-to-Front Fragment-Based Drug Design Search Strategy Targeting the DFG-Out Pocket of Protein Tyrosine Kinases. ACS Med Chem Lett. 2012 Feb 28;3(4):342-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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