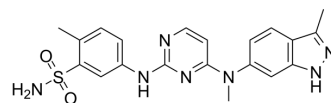


VEGFR-2-IN-6

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-131658 | | |
| CAS No.: | 444731-47-9 | | |
| Molecular Formula: | C ₂₀ H ₂₁ N ₇ O ₂ S | | |
| Molecular Weight: | 423.49 | | |
| 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 : 25 mg/mL (59.03 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 2.3613 mL | 11.8067 mL | 23.6133 mL |
| | 5 mM | 0.4723 mL | 2.3613 mL | 4.7227 mL |
| | 10 mM | 0.2361 mL | 1.1807 mL | 2.3613 mL |

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.90 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (5.90 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (5.90 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

VEGFR-2-IN-6 (example 64) is a VEGFR2 inhibitor (angiogenesis modulator), which is extracted from patent WO 02/059110^[1].

REFERENCES

[1]. Glaxo Wellcome House, et al. PYRIMIDINEAMINES AS ANGIOGENESIS MODULATORS. Patent WO 02/059110.

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

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