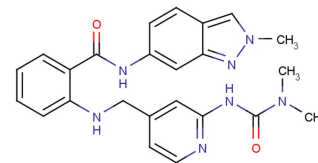


ZK-261991

Chemical Properties

CAS No.: 886563-25-3
Formula: C₂₄H₂₅N₇O₂
Molecular Weight: 443.5
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	ZK-261991 is an orally active inhibitor of VEGFR tyrosine kinase(IC ₅₀ of 5 nM, VEGFR2).
Targets(IC ₅₀)	VEGFR2: 5 nM
In vitro	ZK-261991 inhibits cellular receptor autophosphorylation in KDR-PAECs(IC ₅₀ of 2 nM). ZK991 inhibits VEGFR-3 autophosphorylation concentration dependently(IC ₅₀ of 20 nM).

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.255 mL	11.274 mL	22.548 mL
5 mM	0.451 mL	2.255 mL	4.51 mL
10 mM	0.225 mL	1.127 mL	2.255 mL
50 mM	0.045 mL	0.225 mL	0.451 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Deniz Hos, et al. Inflammatory Corneal (Lymph)angiogenesis Is Blocked by VEGFR-Tyrosine Kinase Inhibitor ZK 261991, Resulting in Improved Graft Survival after Corneal Transplantation. Investigative Ophthalmology & Visual Science May 2008, Vol.49, 1836-1842.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481