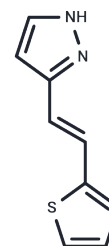


Terevalefim

Chemical Properties

CAS No. :	1070881-42-3
Formula:	C ₉ H ₈ N ₂ S
Molecular Weight:	176.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Terevalefim (ANG-3777) is an hepatocyte growth factor (HGF) mimetic. Terevalefim selectively activates the c-Met receptor.
Targets(IC50)	c-Met/HGFR
In vitro	Terevalefim (ANG-3777) (0-10 μ M) significantly inhibited cancer cells proliferation in HUVECs[2].
In vivo	Terevalefim (ANG-3777) decreases apoptosis, increases proliferation, and promotes organ repair and function in animal models[1].Terevalefim (ANG-3777, 40 mg/kg, IP) phosphorylates the c-Met receptor in rats[2].

Solubility Information

Solubility	DMSO: 100 mg/mL (567.41 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6741 mL	28.3704 mL	56.7408 mL
5 mM	1.1348 mL	5.6741 mL	11.3482 mL
10 mM	0.5674 mL	2.837 mL	5.6741 mL
50 mM	0.1135 mL	0.5674 mL	1.1348 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Jonathan S Bromberg, et al. Renal Function Improvement Following ANG-3777 Treatment in Patients at High Risk for Delayed Graft Function After Kidney Transplantation. Transplantation. 2021 Feb 1;105(2):443-450.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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