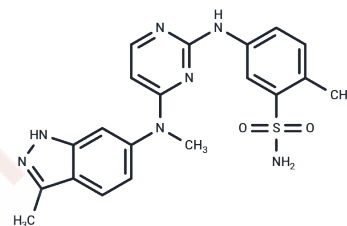


VEGFR-2-IN-6

Chemical Properties

CAS No. :	444731-47-9
Formula:	C ₂₀ H ₂₁ N ₇ O ₂ S
Molecular Weight:	423.49
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	VEGFR-2-IN-6 (WO 02/059110, example 64) is a potent inhibitor of VEGFR2, a crucial receptor involved in the regulation of angiogenesis [1].
Targets(IC50)	VEGFR

Solubility Information

Solubility	DMSO: 22.5 mg/mL (53.13 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.72 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0472 mL	0.2361 mL	0.4723 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Glaxo Wellcome House, et al. PYRIMIDINEAMINES AS ANGIOGENESIS MODULATORS. WO 02/059110.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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