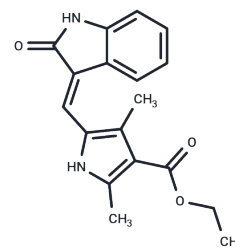


SU5408

Chemical Properties

CAS No. : 15966-93-5
 Formula: C₁₈H₁₈N₂O₃
 Molecular Weight: 310.35
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	SU5408 (VEGFR2 Kinase Inhibitor I) is a potent, cell-permeable inhibitor of the VEGFR2 kinase.
Targets(IC50)	VEGFR

Solubility Information

Solubility	DMSO: 5 mg/mL (16.11 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	3.2222 mL	16.1108 mL	32.2217 mL
5 mM	0.6444 mL	3.2222 mL	6.4443 mL
10 mM	0.3222 mL	1.6111 mL	3.2222 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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

Sun L, et al. Synthesis and biological evaluations of 3-substituted indolin-2-ones: a novel class of tyrosine kiN/Ase inhibitors that exhibit selectivity toward particular receptor tyrosine kiN/Ase. J Med Chem. 1998 Jul 2;41(14):2588-603.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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