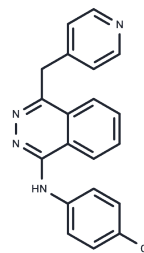


Vatalanib free base

Chemical Properties

CAS No. :	212141-54-3
Formula:	C ₂₀ H ₁₅ ClN ₄
Molecular Weight:	346.81
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	Vatalanib is a VEGFR2/KDR inhibitor (IC ₅₀ : 37 nM).
Targets(IC ₅₀)	VEGFR

Solubility Information

Solubility	DMSO: 122 mg/mL (351.78 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8834 mL	14.4171 mL	28.8342 mL
5 mM	0.5767 mL	2.8834 mL	5.7668 mL
10 mM	0.2883 mL	1.4417 mL	2.8834 mL
50 mM	0.0577 mL	0.2883 mL	0.5767 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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