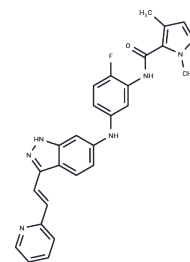


AG-13958

Chemical Properties

CAS No. : 319460-94-1
 Formula: C₂₆H₂₂FN₇O
 Molecular Weight: 467.5
 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	AG-13958 (AG-013958) (AG-013958), a potent VEGFR tyrosine kinase inhibitor, for the treatment of age-related macular degeneration.
Targets(IC50)	VEGFR

Solubility Information

Solubility	DMSO: 5 mg/mL (10.7 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	2.139 mL	10.6952 mL	21.3904 mL
5 mM	0.4278 mL	2.139 mL	4.2781 mL
10 mM	0.2139 mL	1.0695 mL	2.139 mL
50 mM	0.0428 mL	0.2139 mL	0.4278 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

- Barakat M R , Kaiser P . VEGF inhibitors for the treatment of neovascular age-related macular degeneration[J]. Expert Opinion on Investigational Drugs, 2009, 18(5):637-646.
 Chappelow A V , Kaiser P K . Neovascular age-related macular degeneration: potential therapies[J]. Drugs, 2008, 68(8):1029-1036.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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