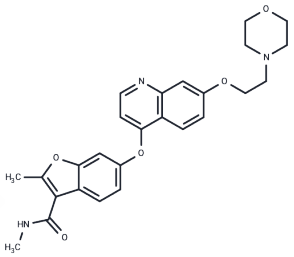
Data Sheet (Cat.No.T68546)

TargetMol

PF-00337210

Chemical Properties



CAS No. : 854514-88-8

Formula: C26H27N3O5

Molecular Weight: 461.51

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	PF-00337210 is an orally available ATP-competitive inhibitor of the vascular endothelial growth factor receptor type 2 (VEGFR2), with potential anti-angiogenesis and antineoplastic activities. Upon administration, the VEGFR2 tyrosine kinase inhibitor PF-00337210 selectively binds to VEGFR2 and prevents its phosphorylation which may result in an inhibition of migration, proliferation and survival of endothelial cells, microvessel formation, the inhibition of tumor cell proliferation, and may eventually cause tumor cell death. VEGFR2, a receptor tyrosine kinase, is frequently overexpressed by a variety of tumor types.
Targets(IC50)	Others,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1668 mL	10.834 mL	21.668 mL
5 mM	0.4334 mL	2.1668 mL	4.3336 mL
10 mM	0.2167 mL	1.0834 mL	2.1668 mL
50 mM	0.0433 mL	0.2167 mL	0.4334 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.

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