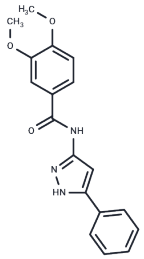
Data Sheet (Cat.No.T4425)

TargetMol

JK-P3

Chemical Properties



CAS No. : 942655-44-9

Formula: C18H17N3O3

Molecular Weight: 323.35

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	JK-P3 is a pyrazole-based inhibitor of VEGFR-2 (IC50: 7.8 μM). JK-P3 inhibits FGFR 1/3 kinase activity in vitro, but has no effect on FGFR signaling in cell-based assays. The compound blocks wound healing and tube formation in HUVEC without effecting endothelial cell proliferation.
Targets(IC50)	VEGFR

Solubility Information

Solubility	DMSO: 60 mg/mL (185.56 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0926 mL	15.4631 mL	30.9262 mL
5 mM	0.6185 mL	3.0926 mL	6.1852 mL
10 mM	0.3093 mL	1.5463 mL	3.0926 mL
50 mM	0.0619 mL	0.3093 mL	0.6185 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.

Reference

Antony M. Latham, et al. Identification of Receptor Tyrosine Kinase Inhibitors Using Cell Surface Biotinylation and Affinity Isolation. VEGF Signaling pp 121-131 | Cite as

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481