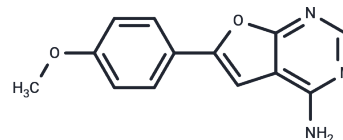


TIE-2/VEGFR-2 kinase-IN-1

Chemical Properties

CAS No. :	453590-24-4
Formula:	C ₁₃ H ₁₁ N ₃ O ₂
Molecular Weight:	241.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	TIE-2/VEGFR-2 kinase-IN-1 is used for the synthesis of TIE-2 and/or VEGFR-2 inhibitors that can be used for the study of diseases associated with inappropriate angiogenesis [1].
In vitro	Angiopoietin-1, a ligand for the endothelium-specific receptor tyrosine kinase TIE-2, represents a novel angiogenic factor [1]. Inhibiting TIE-2 could disrupt the remodeling and maturation of new vasculature that angiogenesis initiates. Similarly, targeting the kinase domain binding site of VEGFR-2 to block tyrosine residue phosphorylation could hinder the onset of angiogenesis.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1451 mL	20.7254 mL	41.4508 mL
5 mM	0.829 mL	4.1451 mL	8.2902 mL
10 mM	0.4145 mL	2.0725 mL	4.1451 mL
50 mM	0.0829 mL	0.4145 mL	0.829 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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