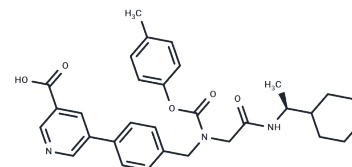


Tie2 Inhibitor 7

Chemical Properties

CAS No. : 1020412-97-8
Formula: C₃₁H₃₅N₃O₅
Molecular Weight: 529.63
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tie2 Inhibitor 7 blocks Tie2 kinase activity with a K_i value of 1.3 μ M. It has been shown to inhibit angiopoietin 1-induced Tie2 autophosphorylation and downstream signaling with an IC_{50} value of 0.3 μ M. This compound can prevent endothelial cell tube formation and aberrant vessel growth in a rat model of Matrigel-induced choroidal neovascularization.
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Solubility Information

Solubility	DMF: 14 mg/mL Ethanol: 1 mg/mL DMSO: 20 mg/mL DMSO:PBS (pH 7.2)(1:9): 0.1 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8881 mL	9.4406 mL	18.8811 mL
5 mM	0.3776 mL	1.8881 mL	3.7762 mL
10 mM	0.1888 mL	0.9441 mL	1.8881 mL
50 mM	0.0378 mL	0.1888 mL	0.3776 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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