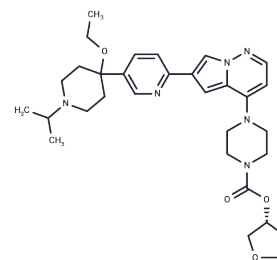


Blu-782

Chemical Properties

CAS No. : 2141955-96-4
 Formula: C₃₁H₄₂N₆O₄
 Molecular Weight: 562.7
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Blu-782 (ALK2-IN-1) is a activin receptor-like kinase-2 (ALK2) inhibitor (IC ₅₀ of <10 nM)
Targets(IC ₅₀)	ALK

Solubility Information

Solubility	DMSO: 83.33 mg/mL (148.09 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	1.7771 mL	8.8857 mL	17.7715 mL
5 mM	0.3554 mL	1.7771 mL	3.5543 mL
10 mM	0.1777 mL	0.8886 mL	1.7771 mL
50 mM	0.0355 mL	0.1777 mL	0.3554 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

ALK2-IN-1

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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