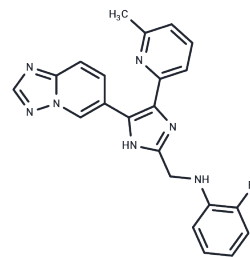


ALK5-IN-10

Chemical Properties

CAS No. :	1352608-94-6
Formula:	C ₂₂ H ₁₈ BrN ₇
Molecular Weight:	460.33
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	ALK5-IN-10 is a potent ALK5 inhibitor with an IC ₅₀ of 7nM.
Targets(IC ₅₀)	ALK,TGF-beta/Smad

Solubility Information

Solubility	DMSO: 50 mg/mL (108.62 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	2.1724 mL	10.8618 mL	21.7235 mL
5 mM	0.4345 mL	2.1724 mL	4.3447 mL
10 mM	0.2172 mL	1.0862 mL	2.1724 mL
50 mM	0.0434 mL	0.2172 mL	0.4345 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.

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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