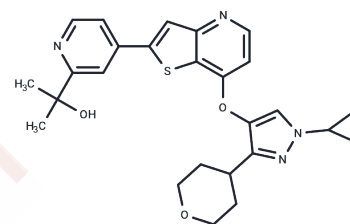


ALK5-IN-7

Chemical Properties

CAS No. : 2657720-07-3
 Formula: C₂₆H₂₈N₄O₃S
 Molecular Weight: 476.59
 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-7 is an effective inhibitor of ALK5. Transforming growth factor β (TGF- β) is a multifunctional cytokine that is involved in regulating cell proliferation, differentiation, and apoptosis through autocrine, paracrine, and endocrine pathways using complex receptor signaling pathways on the cell surface. ALK5-IN-7 has the potential to perform research on TGF- β -related diseases and conditions (including but not limited to tumor, fibrosis, inflammatory diseases, autoimmune diseases, etc.).
Targets(IC50)	Others, TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0982 mL	10.4912 mL	20.9824 mL
5 mM	0.4196 mL	2.0982 mL	4.1965 mL
10 mM	0.2098 mL	1.0491 mL	2.0982 mL
50 mM	0.042 mL	0.2098 mL	0.4196 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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