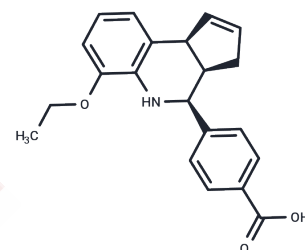


LIN28 inhibitor LI71 enantiomer

Chemical Properties

CAS No. :	956189-58-5
Formula:	C ₂₁ H ₂₁ N ₃ O ₃
Molecular Weight:	335.403
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	LIN28 inhibitor LI71 enantiomer, the enantiomer of LIN28 inhibitor LI71, exhibits reduced activity compared to its parent compound. LIN28 inhibitor LI71 is a highly potent and cell-permeable inhibitor of LIN28, effectively blocking LIN28-mediated oligouridylation with an IC ₅₀ of 7 μM.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9815 mL	14.9076 mL	29.8151 mL
5 mM	0.5963 mL	2.9815 mL	5.963 mL
10 mM	0.2982 mL	1.4908 mL	2.9815 mL
50 mM	0.0596 mL	0.2982 mL	0.5963 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.

Reference

Wang L, et al. Small-Molecule Inhibitors Disrupt let-7 Oligouridylation and Release the Selective Blockade of let-7 Processing by LIN28. Cell Rep. 2018;23(10):3091-3101.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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