

LIN28-IN-2

Chemical Properties

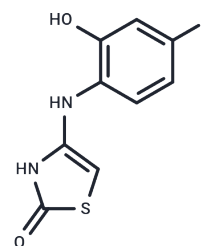
CAS No. :

Formula: C₉H₇FN₂O₂S

Molecular Weight: 226.227

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-IN-2 (Compound Ln268) blocks the interaction between the zinc finger domain (ZKD) of Lin28 and RNA substrates, inhibiting both Lin28a and Lin28b. It also suppresses the proliferation of Lin28-positive cancer cells and the growth of 3D spheroids.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4203 mL	22.1014 mL	44.2028 mL
5 mM	0.8841 mL	4.4203 mL	8.8406 mL
10 mM	0.442 mL	2.2101 mL	4.4203 mL
50 mM	0.0884 mL	0.442 mL	0.8841 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

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