

LSQ-28

Chemical Properties

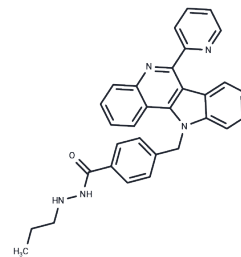
CAS No. :

Formula: C₃₁H₂₇N₅O

Molecular Weight: 485.579

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	LSQ-28 is an orally active HDAC3 inhibitor with an IC ₅₀ of 42 nM, demonstrating significant anticancer, antiproliferative, anti-migration, anti-invasion, and anti-wound healing activities. LSQ-28 is suitable for cancer research.
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0594 mL	10.297 mL	20.5939 mL
5 mM	0.4119 mL	2.0594 mL	4.1188 mL
10 mM	0.2059 mL	1.0297 mL	2.0594 mL
50 mM	0.0412 mL	0.2059 mL	0.4119 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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