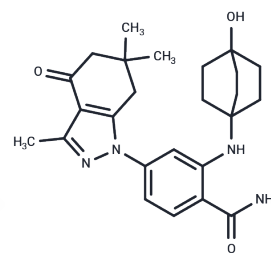


JD-13

Chemical Properties

CAS No. :	2969172-58-3
Formula:	C ₂₅ H ₃₂ N ₄ O ₃
Molecular Weight:	436.56
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	JD-13 is a novel and potent Hsp90α inhibitor that binds to the ATP-binding pocket of Hsp90α (K _d = 1.60 μM), downregulates the Akt/β-catenin pathway, inhibits both wild-type and acyclovir-resistant HSV-1 infections, and alleviates skin lesions in guinea pigs caused by HSV-1 infection.
Targets(IC50)	HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2906 mL	11.4532 mL	22.9064 mL
5 mM	0.4581 mL	2.2906 mL	4.5813 mL
10 mM	0.2291 mL	1.1453 mL	2.2906 mL
50 mM	0.0458 mL	0.2291 mL	0.4581 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 Z, et al. Novel Hsp90α inhibitor inhibits HSV-1 infection by suppressing the Akt/β-catenin pathway. Int J Antimicrob Agents. 2025;65(3):107448

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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