

YAP-TEAD-IN-1 acetate

Chemical Properties

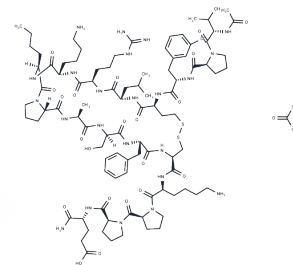
CAS No. :

Formula: C₉₅H₁₄₈ClN₂₃O₂₃S₂

Molecular Weight: 2079.92

Storage: Keep away from moisture, Store at low temperature
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	YAP-TEAD-IN-1 acetate is an effective and competitive inhibitor of YAP-TEAD interaction with an IC ₅₀ of 25 nM.
Targets(IC ₅₀)	YAP
In vitro	YAP-TEAD-IN-1 acetate (2 μM) shows a higher binding affinity to TEAD1 (K _d = 15 nM) than YAP (50-171) (K _d = 40 nM)[1].

Solubility Information

Solubility	H ₂ O: 100 mg/mL (48.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4808 mL	2.4039 mL	4.8079 mL
5 mM	0.0962 mL	0.4808 mL	0.9616 mL
10 mM	0.0481 mL	0.2404 mL	0.4808 mL
50 mM	0.0096 mL	0.0481 mL	0.0962 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

Zhang Z, et al. Structure-Based Design and Synthesis of Potent Cyclic Peptides Inhibiting the YAP-TEAD Protein-Protein Interaction. ACS Med Chem Lett. 2014 Jul 14;5(9):993-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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