

YAP-TEAD-IN-1

Chemical Properties

CAS No.:	1659305-78-8
Formula:	C93H144ClN23O21S2
Molecular Weight:	2019.86
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	YAP-TEAD-IN-1 is a competitive inhibitor of YAP-TEAD interaction (IC ₅₀ : 25 nM). It shows a higher binding affinity to TEAD1 (K _d : 15 nM) than YAP (50-171) (K _d : 40 nM).
Targets(IC ₅₀)	YAP-TEAD interaction: 25 nM
In vitro	In a GST pull-down assay, YAP-TEAD-IN-1 (2 µM) is against endogenous YAP binding to GST-TEAD (1209-426), the K _d of His-YAP1209-426 is determined to be 40 nM.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.495 mL	2.475 mL	4.951 mL
5 mM	0.099 mL	0.495 mL	0.99 mL
10 mM	0.05 mL	0.248 mL	0.495 mL
50 mM	0.01 mL	0.05 mL	0.099 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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