

GNE-7883

## Chemical Properties

CAS No. : 2648450-42-2

Formula: C<sub>28</sub>H<sub>29</sub>FN<sub>6</sub>O<sub>2</sub>

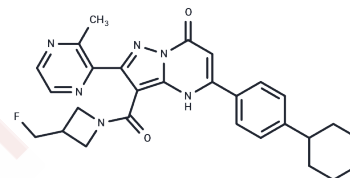
Molecular Weight: 500.57

Storage:

Store at low temperature, Keep away from direct sunlight

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	GNE-7883 is an inhibitor targeting TEAD transcription factor, inhibits cell proliferation and suppresses YAP/TAZ activation, and can be used to study YAP/TAZ-dependent tumors.
Targets(IC50)	YAP

## Solubility Information

Solubility	DMSO: 50 mg/mL (99.89 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

### Preparing Stock Solutions

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	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	1.9977 mL	9.9886 mL	19.9772 mL
5 mM	0.3995 mL	1.9977 mL	3.9954 mL
10 mM	0.1998 mL	0.9989 mL	1.9977 mL
50 mM	0.040 mL	0.1998 mL	0.3995 mL

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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

Hagenbeek TJ, et al. An allosteric pan-TEAD inhibitor blocks oncogenic YAP/TAZ signaling and overcomes KRAS G12C inhibitor resistance. Nat Cancer. 2023 Jun;4(6):812-828.

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