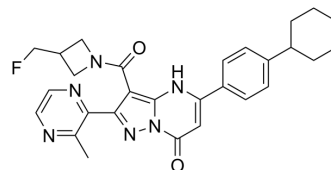


GNE-7883

Cat. No.:	HY-147214		
CAS No.:	2648450-42-2		
Molecular Formula:	C ₂₈ H ₂₉ FN ₆ O ₂		
Molecular Weight:	500.57		
Target:	YAP		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (99.89 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		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
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (4.99 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (4.99 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	GNE-7883 is a pan-TEAD inhibitor with anti-cell proliferation activity. GNE-7883 overcomes resistance to KRAS G12C inhibitors in multiple preclinical models by inhibiting YAP/TAZ activation. GNE-7883 may be used in the study of YAP/TAZ-dependent cancers ^[1] .
IC ₅₀ & Target	TEAD ^[1] .

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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