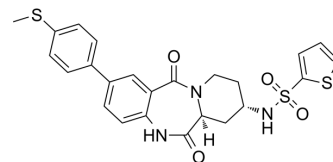


AN-12-H5

Cat. No.:	HY-120900
CAS No.:	1193340-31-6
Molecular Formula:	C ₂₄ H ₂₃ N ₃ O ₄ S ₃
Molecular Weight:	513.65
Target:	Enterovirus
Pathway:	Anti-infection
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 : 100 mg/mL (194.69 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	1.9469 mL	9.7343 mL	19.4685 mL
		5 mM	0.3894 mL	1.9469 mL	3.8937 mL
		10 mM	0.1947 mL	0.9734 mL	1.9469 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 (4.87 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.87 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	AN-12-H5, an antienterovirus compound, targets the replication processes of PV and enterovirus 71 (EV71) ^[1] .
In Vitro	AN-12-H5 shows no inhibitory effect on PI4KB activity and only moderate inhibitory effects on PI 3-kinase activity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. AN-12-H5 shows no inhibitory effect on PI4KB activity and only moderate inhibitory effects on PI 3-kinase activity^[1].

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

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