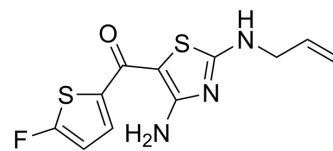


TT-10

Cat. No.:	HY-125016
CAS No.:	2230640-94-3
Molecular Formula:	C ₁₁ H ₁₀ FN ₃ OS ₂
Molecular Weight:	283.35
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 (176.46 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		3.5292 mL	17.6460 mL	35.2920 mL
		5 mM		0.7058 mL	3.5292 mL	7.0584 mL
		10 mM		0.3529 mL	1.7646 mL	3.5292 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 (8.82 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.82 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	TT-10 (TAZ-K) is an activator of YES-associated protein (YAP)-transcriptional enhancer factor domain (TEAD) activity. TT-10 can be used for the research of heart diseases accompanied by cardiomyocyte loss ^[1] .
In Vitro	TT-10 (48 h) markedly promotes cell cycle activation and increased cell division of human induced pluripotent stem cell (hiPSC)-derived cardiomyocytes (hiPSCMs) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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