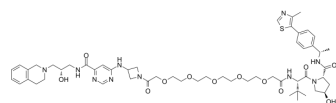


MS4322

Cat. No.:	HY-141877		
CAS No.:	2375432-47-4		
Molecular Formula:	C ₅₅ H ₇₆ N ₁₀ O ₁₂ S		
Molecular Weight:	1101		
Target:	PROTACs		
Pathway:	PROTAC		
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 (90.83 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		0.9083 mL	4.5413 mL	9.0827 mL
		5 mM		0.1817 mL	0.9083 mL	1.8165 mL
10 mM			0.0908 mL	0.4541 mL	0.9083 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 (2.27 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.27 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.27 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	MS4322 (YS43-22) is a first-in-class PRMT5 degrader and a valuable chemical tool (PROTAC) for exploring the PRMT5 functions in health and disease.
IC ₅₀ & Target	VHL

REFERENCES

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

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