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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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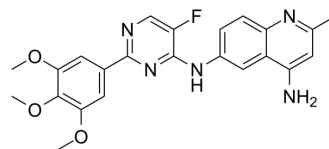
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PRMT7-IN-1

Cat. No.:	HY-147185		
CAS No.:	2247753-73-5		
Molecular Formula:	C ₂₃ H ₂₂ FN ₅ O ₃		
Molecular Weight:	435.45		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
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 (229.65 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions	1 mM	2.2965 mL	11.4824 mL
	5 mM	0.4593 mL	2.2965 mL	
	10 mM	0.2296 mL	1.1482 mL	2.2965 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 (5.74 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.74 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	PRMT7-IN-1 (Compound 14) is a PRMT7 inhibitor with an IC ₅₀ of 2.1 μM. PRMT7-IN-1 shows anticancer activity against different cancer cells ^[1] .
In Vitro	PRMT7-IN-1 (Compound 14) shows antitumor activity with IC ₅₀ values of 2.250, 1.267, 4.4, 1 and 3.342 μM against ES-2, A2780S, Jeko-1, HO8910 and A2780/T cells, respectively ^[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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