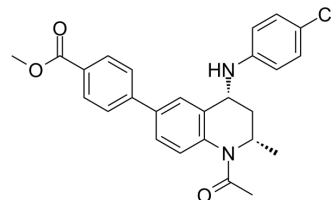


Bromodomain inhibitor-8

Cat. No.:	HY-128703		
CAS No.:	1300031-70-2		
Molecular Formula:	C ₂₆ H ₂₅ ClN ₂ O ₃		
Molecular Weight:	448.94		
Target:	Epigenetic Reader Domain		
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 (222.75 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		2.2275 mL	11.1373 mL	22.2747 mL
		5 mM		0.4455 mL	2.2275 mL	4.4549 mL
10 mM			0.2227 mL	1.1137 mL	2.2275 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: ≥ 5 mg/mL (11.14 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (11.14 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Bromodomain inhibitor-8 (Intermediate 21) is a BET bromodomain inhibitor for treating autoimmune and inflammatory diseases ^[1] .
IC ₅₀ & Target	Brd

REFERENCES

[1]. CHUNG, Chun-Wa, et al. BROMODOMAIN INHIBITORS FOR TREATING AUTOIMMUNE AND INFLAMMATORY DISEASES. WO 2011/054843 A1.

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

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