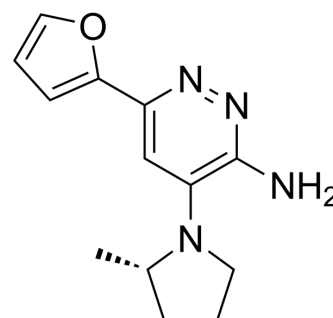


GNE-235

Cat. No.:	HY-150289		
Molecular Formula:	C ₁₃ H ₁₆ N ₄ O		
Molecular Weight:	244.29		
Target:	Others		
Pathway:	Others		
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 (409.35 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	4.0935 mL	20.4675 mL	40.9350 mL
			5 mM	0.8187 mL	4.0935 mL	8.1870 mL
			10 mM	0.4093 mL	2.0467 mL	4.0935 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 (10.23 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (10.23 mM); Clear solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (10.23 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	GNE-235 is a compound selective for the second bromodomain of PBRM1, with a K _D of 0.28 ± 0.02 μM. GNE-235 can be used for evaluation of the cellular function of PBRM1 ^[1] .
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REFERENCES

[1]. Cochran AG, et al. GNE-235: A Lead Compound Selective for the Second Bromodomain of PBRM1. J Med Chem. 2023 Sep 28;66(18):13116-13134.

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

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