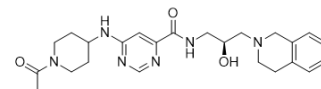


GSK3326595

Cat. No.:	HY-101563		
CAS No.:	1616392-22-3		
Molecular Formula:	C ₂₄ H ₃₂ N ₆ O ₃		
Molecular Weight:	452.55		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



Solvent & Solubility

In Vitro

DMSO : ≥ 30 mg/mL (66.29 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		2.2097 mL	11.0485 mL	22.0970 mL
5 mM		0.4419 mL	2.2097 mL	4.4194 mL	
10 mM		0.2210 mL	1.1049 mL	2.2097 mL	

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: **10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline**
Solubility: ≥ 2.17 mg/mL (4.80 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% (20% SBE-β-CD in saline)**
Solubility: ≥ 2.17 mg/mL (4.80 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% corn oil**
Solubility: ≥ 2.17 mg/mL (4.80 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GSK3326595 is a potent, selective, reversible inhibitor of **protein arginine methyltransferase 5 (PRMT5)** with an IC₅₀ of 6.2 nM.

In Vitro

GSK3326595 (EPZ015938), has entered clinical trials for the treatment of solid tumors and non-Hodgkin's lymphoma [1].

REFERENCES

[1]. WO 2016022605 A1

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

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