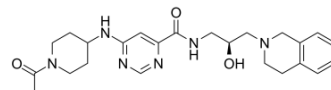


## GSK3326595

Cat. No.:	HY-101563		
CAS No.:	1616392-22-3		
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>6</sub> O <sub>3</sub>		
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 (EPZ015938) is a potent, selective, reversible inhibitor of **protein arginine methyltransferase 5 (PRMT5)** with an IC<sub>50</sub> of 6.2 nM<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: 6.2 nM (PRMT5)<sup>[1]</sup>

#### In Vitro

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

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[1].

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## REFERENCES

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[1]. WO 2016022605 A1

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

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