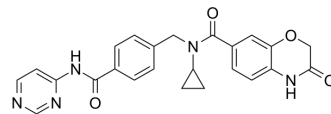


UNC6934

Cat. No.:	HY-145103		
CAS No.:	2561494-77-5		
Molecular Formula:	C ₂₄ H ₂₁ N ₅ O ₄		
Molecular Weight:	443.45		
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 : 25 mg/mL (56.38 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2550 mL	11.2752 mL	22.5505 mL
	5 mM	0.4510 mL	2.2550 mL	4.5101 mL
	10 mM	0.2255 mL	1.1275 mL	2.2550 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: ≥ 2.5 mg/mL (5.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.64 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

UNC6934, a chemical probe targeting the PWWP domain, alters NSD2 nucleolar localization.

REFERENCES

- [1]. Dilworth D, et al. A chemical probe targeting the PWWP domain alters NSD2 nucleolar localization. Nat Chem Biol. 2022 Jan;18(1):56-63.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA