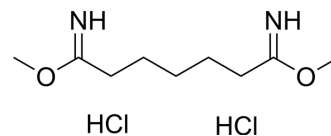


Dimethyl pimelimidate dihydrochloride

Cat. No.:	HY-W123005
CAS No.:	58537-94-3
Molecular Formula:	C ₉ H ₂₀ Cl ₂ N ₂ O ₂
Molecular Weight:	259.17
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (385.85 mM; Need ultrasonic) H ₂ O : 100 mg/mL (385.85 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	3.8585 mL	19.2924 mL	38.5847 mL
		5 mM	0.7717 mL	3.8585 mL	7.7169 mL
		10 mM	0.3858 mL	1.9292 mL	3.8585 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 (9.65 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.65 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Dimethyl pimelimidate dihydrochloride (DMP) is a protein crosslinker that can be used in chromatin immunoprecipitation experiments (ChIP) to enhance signal ^[1] .
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REFERENCES

[1]. Milne TA, et al. Chromatin immunoprecipitation (ChIP) for analysis of histone modifications and chromatin-associated proteins. Methods Mol Biol. 2009;538:409-23.

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