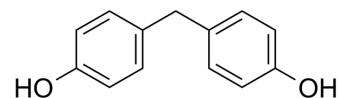


4,4'-Dihydroxydiphenylmethane

Cat. No.:	HY-W014901
CAS No.:	620-92-8
Molecular Formula:	C ₁₃ H ₁₂ O ₂
Molecular Weight:	200.24
Target:	Others
Pathway:	Others
Storage:	<div> <div>Powder</div> <div> -20°C 3 years 4°C 2 years </div> </div> <div> <div>In solvent</div> <div> -80°C 6 months -20°C 1 month </div> </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (499.40 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.9940 mL	24.9700 mL	49.9401 mL
		5 mM		0.9988 mL	4.9940 mL	9.9880 mL
		10 mM		0.4994 mL	2.4970 mL	4.9940 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 (12.49 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.49 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.49 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	4,4'-Dihydroxydiphenylmethane is a phenolic derivative with antioxidant activities ^[1] .
-------------	---

REFERENCES

[1]. L Yi-Ming, et al. New Phenolic Derivatives from *Galeola faberi*. *Planta Med.* 1993 Aug;59(4):363-5.

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