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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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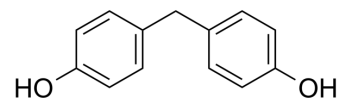
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4,4'-Dihydroxydiphenylmethane

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:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (499.40 mM; Need ultrasonic)

Concentration	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

- 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
- 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
- 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.

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