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Produktinformation



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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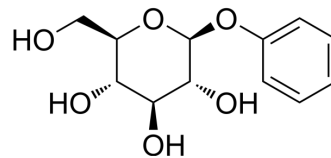
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Phenyl β-D-glucopyranoside

Cat. No.:	HY-W011849
CAS No.:	1464-44-4
Molecular Formula:	C ₁₂ H ₁₆ O ₆
Molecular Weight:	256.25
Target:	NF-κB; COX
Pathway:	NF-κB; Immunology/Inflammation
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 (390.24 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.9024 mL	19.5122 mL	39.0244 mL
		5 mM	0.7805 mL	3.9024 mL	7.8049 mL
		10 mM	0.3902 mL	1.9512 mL	3.9024 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (9.76 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.76 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.76 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Phenyl β-D-glucopyranoside has anti-cancer and anti-inflammatory activities. Phenyl β-D-glucopyranoside inhibits nitric oxide (NO) production, and the expression of iNOS and COX-2. Phenyl β-D-glucopyranoside also inhibits the nuclear translocation of NF-κB ^[1] .
IC₅₀ & Target	COX-2

REFERENCES

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

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