



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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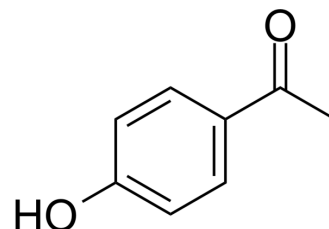
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4-Hydroxyacetophenone

Cat. No.:	HY-Y0073		
CAS No.:	99-93-4		
Molecular Formula:	C ₈ H ₈ O ₂		
Molecular Weight:	136.15		
Target:	HBV		
Pathway:	Anti-infection		
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 (734.48 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.3448 mL	36.7242 mL	73.4484 mL
	5 mM	1.4690 mL	7.3448 mL	14.6897 mL
	10 mM	0.7345 mL	3.6724 mL	7.3448 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 (18.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (18.36 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (18.36 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

4-Hydroxyacetophenone (P-hydroxyacetophenone) is a key hepatoprotective and choleric compound in *Artemisia capillaris* and *A. morrisonensis*, also has an anti-hepatitis B virus effect and anti-inflammatory effect^[1].

REFERENCES

[1]. Ching-Wen C, et al. p-Hydroxyacetophenone suppresses nuclear factor- κ B-related inflammation in nociceptive and inflammatory animal models. J Nat Med. 2017 Apr;71(2):422-432.

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

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