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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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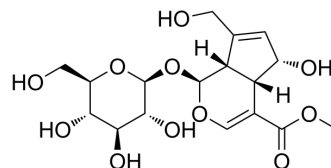
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Methyl deacetylasperulosidate

Cat. No.:	HY-N1503		
CAS No.:	52613-28-2		
Molecular Formula:	C ₁₇ H ₂₄ O ₁₁		
Molecular Weight:	404.37		
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 (247.30 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4730 mL	12.3649 mL	24.7298 mL
	5 mM	0.4946 mL	2.4730 mL	4.9460 mL
	10 mM	0.2473 mL	1.2365 mL	2.4730 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: ≥ 2.08 mg/mL (5.14 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (5.14 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Methyl deacetylasperulosidate is an iridoid and shows purgative effects in mice and lowers the blood glucose level in normal mice^[1].

REFERENCES

- [1]. Lucia Maria Conserva, et al. Borreria and Spermacoce species (Rubiaceae): A review of their ethnomedicinal properties, chemical constituents, and biological activities. Pharmacogn Rev. 2012 Jan;6(11):46-55.

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

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