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Produktinformation



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Diagnostik & molekulare Diagnostik



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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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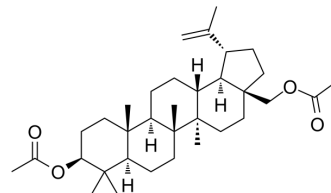
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Betulin diacetate

Cat. No.:	HY-N9437
CAS No.:	1721-69-3
Molecular Formula:	C ₃₄ H ₅₄ O ₄
Molecular Weight:	526.79
Target:	HIV
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 5 mg/mL (9.49 mM; Need ultrasonic)
DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		1.8983 mL	9.4914 mL	18.9829 mL
	5 mM		0.3797 mL	1.8983 mL	3.7966 mL
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Betulin diacetate, a triterpene and derivative of Betulin, is an anti-AID agent and also possesses anti-cancer activity^{[1][2]}.

REFERENCES

- [1]. I C Sun, et al. Anti-AIDS agents. 34. Synthesis and structure-activity relationships of betulin derivatives as anti-HIV agents. J Med Chem. 1998 Nov 5;41(23):4648-57.
- [2]. T P Shakhtshneider, et al. New composites of betulin esters with arabinogalactan as highly potent anti-cancer agents. Nat Prod Res. 2016 Jun;30(12):1382-7.

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

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