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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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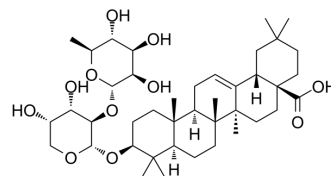
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β-Hederin

Cat. No.:	HY-N7489
CAS No.:	35790-95-5
Molecular Formula:	C ₄₁ H ₆₆ O ₁₁
Molecular Weight:	734.96
Target:	Parasite
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

β-Hederin, a saponin isolated from *Hedera helix* L. (Araliaceae), possesses antileishmanial activity. β-Hederin exhibits IC₅₀ values of 1.5 μM, 68 nM and 4.57 μM in *L. Mexicana* promastigotes, *L. mexicana* amastigotes and THP1 cells, respectively^{[1][2]}.

REFERENCES

- [1]. F Delmas, et al. Antileishmanial activity of three saponins isolated from ivy, alpha-hederin, beta-hederin and hederacolchiside A1, as compared to their action on mammalian cells cultured in vitro. *Planta Med.* 2000 May;66(4):343-7.
- [2]. O Ridoux, et al. In vitro antileishmanial activity of three saponins isolated from ivy, alpha-hederin, beta-hederin and hederacolchiside A(1), in association with pentamidine and amphotericin B. *Phytother Res.* 2001 Jun;15(4):298-301.

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

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