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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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PRODUCT INFORMATION



Enfumafungin

Item No. 39742

CAS Registry No.: 260979-95-1
Formal Name: (1S,4aR,6aS,7R,8R,10aR,10bR,12aS,14R,15R)-14-(acetyloxy)-8-[(1R)-1,2-dimethylpropyl]-15-(β-D-glucopyranosyloxy)-1,6,6a,7,8,9,10,10a,10b,11,12,12a-dodecahydro-4-hydroxy-1,6a,8,10a-tetramethyl-4H-1,4a-propano-2H-phenanthro[1,2-c]pyran-7-carboxylic acid

MF: C₃₈H₆₀O₁₂

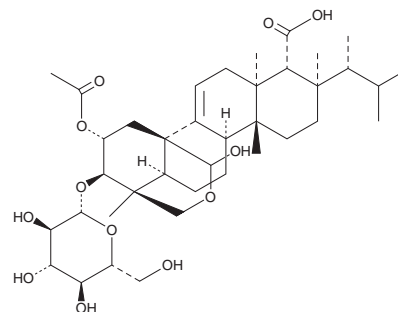
FW: 708.9

Purity: ≥95%

Supplied as: A solid

Storage: -20°C

Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Enfumafungin is supplied as a solid. A stock solution may be made by dissolving the enfumafungin in the solvent of choice, which should be purged with an inert gas. Enfumafungin is soluble in DMSO. Enfumafungin is slightly soluble in chloroform and methanol.

Description

Enfumafungin is a triterpene glycoside originally found in *H. pinus* that has antifungal activity.¹ It inhibits 1,3-β-D-glucan synthase in *C. albicans* (IC₅₀ = 0.2 μg/ml) and is active against 12 mammalian pathogenic fungi (MICs = ≤0.03 to 2 μg/ml).

Reference

1. Onishi, J., Meinz, M., Thompson, J., *et al.* Discovery of novel antifungal (1,3)-beta-D-glucan synthase inhibitors. *Antimicrob Agents Chemother.* **44**(2), 368-377 (2000).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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