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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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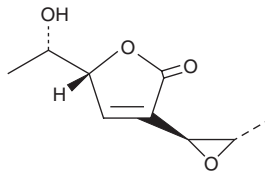
PRODUCT INFORMATION



Asperlactone

Item No. 14435

CAS Registry No.: 76375-62-7
Formal Name: 5R-[(1S)-1-hydroxyethyl]-3-[(2S,3S)-3-methyl-2-oxiranyl]-2(5H)-furanone
MF: C₉H₁₂O₄
FW: 184.2
Purity: ≥98%
Supplied as: An oil
Storage: -20°C
Stability: ≥2 years
Item Origin: *Aspergillus ochraceus*



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

Laboratory Procedures

Asperlactone is supplied as an oil. A stock solution may be made by dissolving the asperlactone in the solvent of choice. Asperlactone is soluble in organic solvents such as methanol and DMSO, which should be purged with an inert gas.

Description

Asperlactone is a nematicidal, insecticidal, antibacterial, and antifungal polyketide metabolite produced from *A. westerdijkiae*.¹

Reference

1. Bacha, N., Dao, H.P., Atoui, A., *et al.* Cloning and characterization of novel methylsalicylic acid synthase gene involved in the biosynthesis of isoasperlactone and asperlactone in *Aspergillus westerdijkiae*. *Fungal Genet. Biol.* **46**(10), 742-749 (2009).

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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