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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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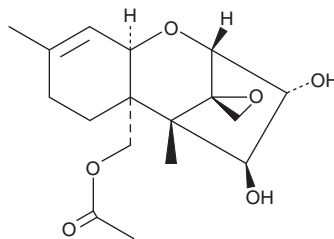
PRODUCT INFORMATION



15-acetoxy Scirpenol

Item No. 11431

CAS Registry No.: 2623-22-5
Formal Name: 12,13-epoxy-trichothec-9-ene-3 α ,4 β ,15-triol, 15-acetate
Synonyms: 4-Deacetylanguidin, NSC 267030
MF: C₁₇H₂₄O₆
FW: 324.4
Purity: $\geq$ 98%
Supplied as: A powder
Storage: -20°C
Stability: $\geq$ 2 years



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

Laboratory Procedures

15-acetoxy Scirpenol is supplied as a powder. A stock solution may be made by dissolving the 15-acetoxy scirpenol in the solvent of choice. 15-acetoxy Scirpenol is soluble in dichloromethane or methanol at a concentration of approximately 10 mg/ml.

Description

15-acetoxy Scirpenol is a trichothecene mycotoxin that is produced predominantly by members of the *Fusarium* genus.¹ It can induce apoptotic cell death in human Jurkat T cells.²

References

1. Peraica, M., Radić, B., Lucić, A., *et al.* Toxic effects of mycotoxins in humans. *Bull. World Health Organ.* **77**(9), 754-766 (1999).
2. Lee, D.H., Park, T. and Kim, H.W. Induction of apoptosis by disturbing mitochondrial-membrane potential and cleaving PARP in Jurkat T cells through treatment with acetoxyscirpenol mycotoxins. *Biol. Pharm. Bull.* **29**(4), 648-654 (2006).

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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