



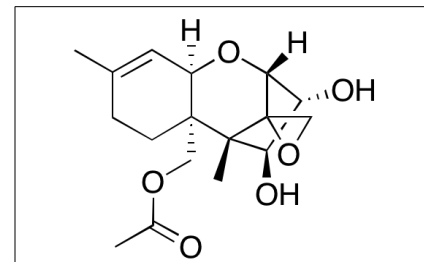
LKT Laboratories, Inc.

15-Acetoxy-scirpenol

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Product Information

Product ID A0818
CAS No. 2623-22-5
Chemical Name Trichothec-9-ene-3- α ,4- β ,15-triol, 12,13-epoxy-, 15-acetate
Synonym 15-Acetoxy-scirpen-3,4-diol, (3- α)-12,13-Epoxytrichothec-9-ene-3,4,15-triol 15-acetate
Formula C₁₇H₂₄O₆
Formula Wt. 324.37
Melting Point
Purity \geq 97%
Solubility Chloroform, ethyl acetate, acetone, DMSO



Bulk quantities available upon request

Product ID	Size
A0818	1 mg
A0818	5 mg

Store Temp 4° C

Ship Temp Ambient

Description 15-acetoxy-scirpenol is a trichothecene mycotoxin initially produced by *Fusarium* that displays cytotoxicity in Jurkat T cells. This compound increases cleavage of poly(ADP)-ribose polymerase (PARP), activation of caspase 3, and DNA fragmentation, leading to apoptosis in vitro.

References Lee DH, Park T, Kim HW. Induction of apoptosis by disturbing mitochondrial-membrane potential and cleaving PARP in Jurkat T cells through treatment with acetoxy-scirpenol mycotoxins. *Biol Pharm Bull.* 2006 Apr;29(4):648-54. PMID: 16595895.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.