



LKT Laboratories, Inc.

15-Acetoxyeirpenol

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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-Acetoxyeirpen-3,4-diol, (3- α)-12,13-Epoxytrichothec-9-ene-3,4,15-triol 15-acetate

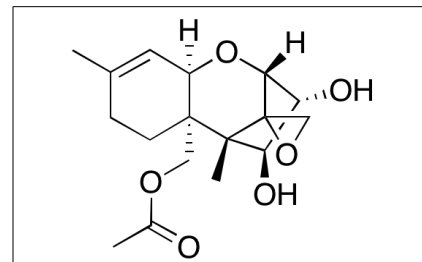
Formula C₁₇H₂₄O₆

Formula Wt. 324.37

Melting Point

Purity $\geq$ 97%

Solubility Chloroform, ethyl acetate, acetone, DMSO



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A0818	1 mg	\$215.60
A0818	5 mg	\$862.20

Store Temp 4°C

Ship Temp Ambient

Description 15-acetoxyeirpenol 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 acetoxyeirpenol 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.