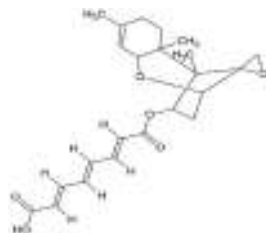


Harzianum A

ALTERNATE NAME: (2E,4E,6Z)-8-oxo-8-[(1S,2R,7R,9R,11R,12S)-1,2,5-trimethylspiro[8-oxatricyclo[7.2.1.0^{2,7}]dodec-5-ene-12,2'-oxirane]-11-yl]oxyocta-2,4,6-trienoic acid

CATALOG #: B3226-1 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₈O₆

MOLECULAR WEIGHT: 400.4

CAS NUMBER: 156250-74-7

APPEARANCE: Off-white solid

PURITY: ≥95%

SOLUBILITY: DMSO

DESCRIPTION: Harzianum A is a trichothecene fungal metabolite isolated from *T. harzianum*. It is cytotoxic to HeLa, MCF-7, and HT-1080 cells (IC₅₀s = 5.07, 10.13, and 0.65 µg/ml, respectively) and displays antifungal activity.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Validamycin A (B1540)
Itraconazole (1987)
Terbinafine (Free base) (B2423)
Natamycin (B2685)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*