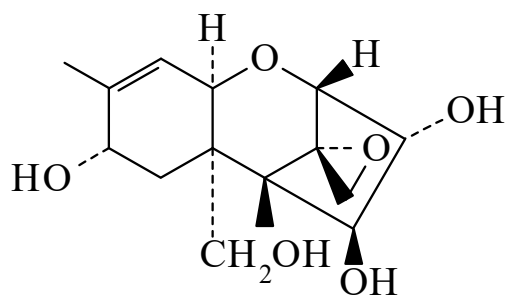




>>Entry Name: 3,4,8,15-Scirpenetetrol

Synonym(s): 12,13-Epoxy-9-trichothecene-3,4,8,15-tetrol, gcl



Molecular Formula: C₁₅H₂₂O₆

Molecular Weight: 298.335

Accurate Mass: 298.14164

Percentage Composition: C 60.39%; H 7.43%; O 32.18%

>>Variant: (3 α ,4 β ,8 α)-form

Synonym(s): Toxin T2 tetrol. T2 tetrol

CAS Registry Number: 34114-99-3

Molecular Formula: C₁₅H₂₂O₆

Molecular Weight: 298.335

Accurate Mass: 298.14164

Percentage Composition: C 60.39%; H 7.43%; O 32.18%

Biological Source: Isol. from *Fusarium poae* and *Fusarium sporotrichioides*

Use/Importance: Mycotoxin

Solubility: BERDY SOL: Sol. MeOH, CHCl₃; poorly sol. H₂O

Sigma: T3888

>>Derivative: 4-Ac

Synonym(s): NT 2 Toxin. Toxin NT 2

CAS Registry Number: 76348-84-0

Molecular Formula: C₁₇H₂₄O₇

Molecular Weight: 340.372

Accurate Mass: 340.152205

Percentage Composition: C 59.99%; H 7.11%; O 32.90%

Biological Source: From *Fusarium sporotrichioides* and *Fusarium tricinctum*

Use/Importance: Mycotoxin. Potent inhibitor of protein synth.

Physical Description: Needles (EtOAc/hexane)

Melting Point: Mp 172-173°

Solubility: BERDY SOL: Poorly sol. hexane

>>Derivative: 8-Ac

Synonym(s): 8-Acetyl-T2 tetrol

Molecular Formula: C₁₇H₂₄O₇

Molecular Weight: 340.372

Accurate Mass: 340.152205

Percentage Composition: C 59.99%; H 7.11%; O 32.90%

Biological Source: From *Fusarium sporotrichioides*

Use/Importance: Cytotoxic