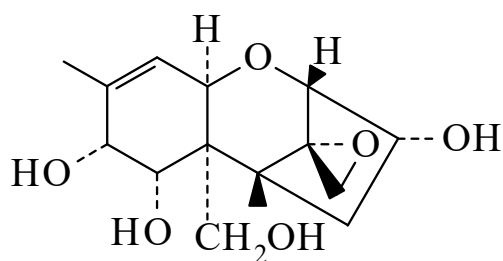




>>Entry Name: 3,7,8,15-Scirpenetetrol

Synonym(s): 12,13-Epoxy-9-trichothecene-3,7,8,15-tetrol



CAS Registry Number: 128534-67-8

Molecular Formula: C₁₅H₂₂O₆

Molecular Weight: 298.335

Accurate Mass: 298.14164

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

Biological Source: Metab. of *Fusarium graminearum*

Use/Importance: Mycotoxin

Physical Description: Cryst. (Me₂CO/C₆H₆)

Melting Point: Mp 185-187°

Optical Rotation: $[\alpha]_D^{25} -60$ (c, 1.02 in MeOH)

>>Derivative: 3,15-Di-Ac

Synonym(s): 7 α ,8 α -Dihydroxycalonectrin

CAS Registry Number: 95673-99-7

Molecular Formula: C₁₉H₂₆O₈

Molecular Weight: 382.41

Accurate Mass: 382.16277

Percentage Composition: C 59.68%; H 6.85%; O 33.47%

Biological Source: From *Fusarium culmorum* and *Fusarium roseum*

Physical Description: Cryst. (Me₂CO/Et₂O)

Melting Point: Mp 190-192°

>>Derivative: 8-Ketone, 15-Ac

Synonym(s): 15-Acetoxy-12,13-epoxy-3,7-dihydroxy-9-trichothecen-8-one. 15-Acetyl-4-deoxynivalenol

CAS Registry Number: 88337-96-6

Molecular Formula: C₁₇H₂₂O₇

Molecular Weight: 338.357

Accurate Mass: 338.136555

Percentage Composition: C 60.35%; H 6.55%; O 33.10%

Biological Source: Prod. by *Fusarium graminearum* and *Gibberella zeae*

Physical Description: Cryst.

Melting Point: Mp 140-141°

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