



>>Derivative: 4,8-Di-Ac

Synonym(s): 4,8-Diacetyl-T2-tetrol. **NT 1 Toxin.** Toxin T1

CAS Registry Number: 65180-29-2

Molecular Formula: C₁₉H₂₆O₈

Molecular Weight: 382.41

Accurate Mass: 382.16277

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

Biological Source: Prod. by *Fusarium sporotrichioides*, *Fusarium tricinctum* and *Haemophilus parainfluenzae*

Use/Importance: Toxin

Physical Description: Cryst. (C₆H₆/hexane)

Melting Point: Mp 172.5-173.5°

>>Derivative: 4,15-Di-Ac

>>Derivative: 8-(3-Methylbutanoyl)

Synonym(s): **T2 Triol**

CAS Registry Number: 34114-98-2

Molecular Formula: C₂₀H₃₀O₇

Molecular Weight: 382.453

Accurate Mass: 382.199155

Percentage Composition: C 62.81%; H 7.91%; O 29.28%

Biological Source: From *Fusarium sporotrichiella*

Use/Importance: Mycotoxin

Sigma: T4013

>>Derivative: 8-(3-Methylbutanoyl), 4,15-di-Ac

>>Derivative: 8-(3-Hydroxy-3-methylbutanoyl)

Synonym(s): **3'-Hydroxy-T2-triol**

Molecular Formula: C₂₀H₃₀O₈

Molecular Weight: 398.452

Accurate Mass: 398.19407

Percentage Composition: C 60.29%; H 7.59%; O 32.12%

Biological Source: Constit. of *Fusarium heterosporum*

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

References:

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