T-2 Triol
Item No. 20433

CAS Registry No.: 34114-98-2
Formal Name: (3α,4β,8α)-12,13-epoxy-trichothec-9-ene-3,4,8,15-tetrol-8-(3-methylbutanoate)
Synonym: Deacetyl HT-2 Toxin
MF: C_{20}H_{30}O_{7}
FW: 382.5
Purity: ≥98%
Supplied as: A powder
Storage: -20°C
Stability: As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly
Special Conditions: Protect from light

Laboratory Procedures

T-2 Triol is supplied as a powder. A stock solution may be made by dissolving the T-2 triol in the solvent of choice. T-2 Triol is soluble in the organic solvent dichloromethane, which should be purged with an inert gas, at a concentration of approximately 10 mg/ml.

Description

T-2 Triol is a group A trichothecene mycotoxin derived by the metabolism of T-2 toxin (Item No. 11444). It is less toxic than T-2 toxin.¹

Reference