



Other Data: Called 1-ester in CAS

>>**Derivative:** Tri-Me ester

CAS Registry Number: 4271-99-2

Molecular Formula: C₉H₁₂O₆

Molecular Weight: 216.19

Accurate Mass: 216.06339

Percentage Composition: C 50.00%; H 5.59%; O 44.40%

Boiling Point: Bp 270°. Bp₁₄ 161°

Solubility: Sol. EtOH, Et₂O

>>**Derivative:** Triamide

Molecular Formula: C₆H₉N₃O₃

Molecular Weight: 171.155

Accurate Mass: 171.064392

Percentage Composition: C 42.11%; H 5.30%; N 24.55%; O 28.04%

Physical Description: Needles

Solubility: Sol. hot H₂O; insol. EtOH, Et₂O

Other Data: Turns brown at 250°. Sinters without melting at 260°

>>**Derivative:** Anhydride

Molecular Formula: C₆H₄O₅

Molecular Weight: 156.095

Accurate Mass: 156.005875

Percentage Composition: C 46.17%; H 2.58%; O 51.25%

Melting Point: Mp 134-135°

>>**Variant:** (Z)-form

CAS Registry Number: 585-84-2

Molecular Formula: C₆H₆O₆

Molecular Weight: 174.11

Accurate Mass: 174.01644

Percentage Composition: C 41.39%; H 3.47%; O 55.14%

Melting Point: Mp 125°

Other Data: Gives (*E*)-form on heating

Aldrich: 27194-2

Fluka: 1590

Sigma: A7251

>>**Derivative:** α-Mono-Me ester

CAS Registry Number: 65146-85-2

Molecular Formula: C₇H₈O₆

Molecular Weight: 188.137

Accurate Mass: 188.03209

Percentage Composition: C 44.69%; H 4.29%; O 51.02%

Physical Description: Prisms (Me₂CO/C₆H₆)

Melting Point: Mp 101-102°

>>**Derivative:** β-Mono-Me ester

CAS Registry Number: 65146-86-3

Molecular Formula: C₇H₈O₆

Molecular Weight: 188.137

Accurate Mass: 188.03209

Percentage Composition: C 44.69%; H 4.29%; O 51.02%

Melting Point: Mp 102-104°