



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°