



Physical Description: Prisms (Me₂CO)
Melting Point: Mp 220-222°
Optical Rotation: $[\alpha]_D^{21} +13$ (c, 0.1 in dioxan)
Sigma: P8258

>>Derivative: 3-Ac

Molecular Formula: C₂₃H₃₈O₄
Molecular Weight: 378.551
Accurate Mass: 378.27701
Percentage Composition: C 72.98%; H 10.12%; O 16.91%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 92.5-93.5°

>>Derivative: 3,20-Di-Ac

Physical Description: Cryst. (MeOH)
Melting Point: Mp 192-193°
Optical Rotation: $[\alpha]_D^{27} +57.5$ (CHCl₃)

>>Variant: (3 α ,5 β ,17 α OH,20*S*)-form

CAS Registry Number: 1098-45-9
Molecular Formula: C₂₁H₃₆O₃
Molecular Weight: 336.514
Accurate Mass: 336.266445
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Physical Description: Plates (Me₂CO)
Melting Point: Mp 254-255°
Optical Rotation: $[\alpha]_D^{21} -23.5$ (c, 0.1 in dioxan)
Aldrich: 28702-4
Fluka: 81575
Sigma: P8629

>>Derivative: 3-Ac

CAS Registry Number: 16062-27-4
Physical Description: Needles (Me₂CO/hexane)
Melting Point: Mp 140.5-141°
Optical Rotation: $[\alpha]_D^{26} +19.6$ (c, 1 in MeOH)

>>Derivative: 3,20-Di-Ac

Physical Description: Cryst. (MeOH)
Melting Point: Mp 157.5-160.5°
Optical Rotation: $[\alpha]_D^{26} +3.4$ (CHCl₃)

>>Variant: (3 β ,5 α ,17 α OH,20*R*)-form

Synonym(s): Reichstein's Substance J

CAS Registry Number: 520-86-5

Molecular Formula: C₂₁H₃₆O₃
Molecular Weight: 336.514
Accurate Mass: 336.266445
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Biological Source: Isol. from adrenal cortex
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 211-214°
Optical Rotation: $[\alpha]_D^{20} -7.9$ (EtOH)
Other Data: Physiol. inert
Sigma: P0773

>>Derivative: 3-Ac

Physical Description: Cryst. (MeOH)
Melting Point: Mp 196-200°
Optical Rotation: $[\alpha]$