



>>Derivative: 3-*O*-β-Glucopyranosiduronic acid

Molecular Formula: C₂₇H₄₂O₉

Molecular Weight: 510.623

Accurate Mass: 510.282885

Percentage Composition: C 63.51%; H 8.29%; O 28.20%

Melting Point: Mp 266-268°

>>Variant: (3β,5α,17αOH)-form

Synonym(s): Reichstein's substance L

CAS Registry Number: 570-54-7

Type of Compound Code(s): VT0450 AJ0450

Molecular Formula: C₂₁H₃₄O₃

Molecular Weight: 334.498

Accurate Mass: 334.250795

Percentage Composition: C 75.41%; H 10.24%; O 14.35%

Biological Source: Extract of adrenal cortex

Physical Description: Cryst. (MeOH/Me₂CO)

Melting Point: Mp 265°

Optical Rotation: [α]_D²⁵ +35 (EtOH)

>>Derivative: 3-Ac

CAS Registry Number: 5456-44-0

Physical Description: Cryst. (Me₂CO/Et₂O)

Melting Point: Mp 188-190°

Optical Rotation: [α]_D²⁵ +16 (Me₂CO)

>>Derivative: 17-Ac

CAS Registry Number: 41020-51-3

Melting Point: Mp 247-248°

Optical Rotation: [α]_D +6 (CHCl₃)

>>Derivative: Di-Ac

CAS Registry Number: 27802-31-9

Molecular Formula: C₂₅H₃₈O₅

Molecular Weight: 418.572

Accurate Mass: 418.271925

Percentage Composition: C 71.74%; H 9.15%; O 19.11%

Physical Description: Cryst. (diisopropyl ether)

Melting Point: Mp 198-199°

Optical Rotation: [α]_D -9.3 (dioxan)

>>Variant: (3β,5β,17αOH)-form

CAS Registry Number: 570-53-6

Type of Compound Code(s): AJ0450 VT0450

Molecular Formula: C₂₁H₃₄O₃

Molecular Weight: 334.498

Accurate Mass: 334.250795

Percentage Composition: C 75.41%; H 10.24%; O 14.35%

Biological Source: Obt. by incubation of 17-hydroxypregn-4-ene-3,20-dione with *Alternaria bataticola*

Physical Description: Prisms (EtOAc)

Melting Point: Mp 209-210.5°

>>Derivative: 3-Ac

Physical Description: Needles

Melting Point: Mp 171-173°

Optical Rotation: [α]_D²⁵ +32 (EtOH)