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

**Molecular Formula:** $C_{27}H_{42}O_9$
**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:** $C_{21}H_{34}O_3$
**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. ($MeOH/Me_2CO$)
**Melting Point:** Mp 265°
**Optical Rotation:** $[\alpha]_D^{25}$+35 (EtOH)

>>**Derivative:** 3-Ac

**CAS Registry Number:** 5456-44-0
**Physical Description:** Cryst. ($Me_2CO/Et_2O$)
**Melting Point:** Mp 188-190°
**Optical Rotation:** $[\alpha]_D^{25}$+16 ($Me_2CO$)

>>**Derivative:** 17-Ac

**CAS Registry Number:** 41020-51-3
**Melting Point:** Mp 247-248°
**Optical Rotation:** $[\alpha]_D$ +6 ($CHCl_3$)

>>**Derivative:** Di-Ac

**CAS Registry Number:** 27802-31-9
**Molecular Formula:** $C_{25}H_{38}O_5$
**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:** $[\alpha]_D$ –9.3 (dioxan)

>>**Variant:** (3β,5β,17αOH)-form

**CAS Registry Number:** 570-53-6
**Type of Compound Code(s):** AJ0450 VT0450
**Molecular Formula:** $C_{21}H_{34}O_3$
**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:** $[\alpha]_D^{25}$+32 (EtOH)