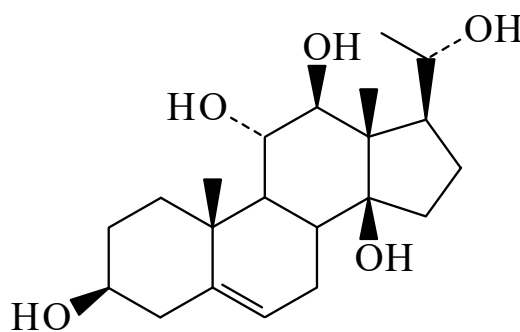




>>Entry Name: Pregn-5-ene-3,11,12,14,20-pentol



Molecular Formula: C₂₁H₃₄O₅

Molecular Weight: 366.497

Accurate Mass: 366.240625

Percentage Composition: C 68.82%; H 9.35%; O 21.83%

>>Variant: (3 β ,11 α ,12 β ,14 β ,20*R*)-form

Synonym(s): Drevogenin D

Molecular Formula: C₂₁H₃₄O₅

Molecular Weight: 366.497

Accurate Mass: 366.240625

Percentage Composition: C 68.82%; H 9.35%; O 21.83%

Biological Source: Aglycone from *Dregea volubilis* and *Marsdenia condurango*

Physical Description: Cryst. (Me₂CO/Et₂O)

Melting Point: Mp 227-230° (217-219°)

Optical Rotation: [α]_D -10.2 (c, 1 in MeOH) (-7.4)

>>Derivative: 3-*O*-[6-Deoxy-3-*O*-methyl- β -D-allopyranosyl-(1 $\rightarrow$ 4)- β -D-cymaropyranosyl-(1 $\rightarrow$ 4)- β -D-cymaropyranoside]

Synonym(s): Dregeoside D_{a1}

CAS Registry Number: 98665-65-7

Molecular Formula: C₄₂H₇₀O₁₅

Molecular Weight: 815.006

Accurate Mass: 814.471475

Percentage Composition: C 61.90%; H 8.66%; O 29.45%

Biological Source: Isol. from *Dregea volubilis*

Physical Description: Amorph. solid + ½H₂O

Melting Point: Mp 139.5-143°

Optical Rotation: [α]_D²⁰ +2.13 (c, 1.03 in MeOH)

>>Derivative: 3-*O*-[6-Deoxy-3-*O*-methyl- β -D-allopyranosyl-(1 $\rightarrow$ 4)- β -D-oleandropyranosyl-(1 $\rightarrow$ 4)- β -D-cymaropyranosyl-(1 $\rightarrow$ 4)- β -D-cymaropyranoside]

Synonym(s): Dregeoside D_{p1}

CAS Registry Number: 98683-83-1

Molecular Formula: C₄₉H₈₂O₁₈

Molecular Weight: 959.176

Accurate Mass: 958.55012

Percentage Composition: C 61.36%; H 8.62%; O 30.02%

Biological Source: Isol. from *Dregea volubilis*

Physical Description: Amorph. solid + 1H₂O

Melting Point: Mp 136.5-139°

Optical Rotation: [α]_D²⁰ +0.78 (c, 1.02 in MeOH)