



Optical Rotation: $[\alpha]_{\text{D}}^{20} +36$ (c, 0.6 in EtOH)

Fluka: 27029

Rare Chemicals Library: S56392-7

Sigma: C1537

Other: Serva 17126

>>Derivative: Me ester

CAS Registry Number: 1448-36-8

Physical Description: Exists in two cryst. forms (EtOH)

Melting Point: Mp 155°. Mp 162°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +25$

Sigma: C3508

>>Derivative: Amide

Synonym(s): Cholanamide‡

CAS Registry Number: 6786-09-0

Molecular Formula: C₂₄H₄₁NO₄

Molecular Weight: 407.592

Accurate Mass: 407.303559

Percentage Composition: C 70.72%; H 10.14%; N 3.44%; O 15.70%

Use/Importance: Forms lattice inclusion compds. with a variety of org. compds.

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 136°

>>Derivative: 3,7-Di-Ac

CAS Registry Number: 7432-64-6

Molecular Formula: C₂₈H₄₄O₇

Molecular Weight: 492.651

Accurate Mass: 492.308705

Percentage Composition: C 68.26%; H 9.00%; O 22.73%

Melting Point: Mp 261-262°

Optical Rotation: $[\alpha]_{\text{D}}^{17} +49.8$ (EtOH)

>>Derivative: 7,12-Di-Ac

CAS Registry Number: 71781-34-5

Molecular Formula: C₂₈H₄₄O₇

Molecular Weight: 492.651

Accurate Mass: 492.308705

Percentage Composition: C 68.26%; H 9.00%; O 22.73%

Melting Point: Mp 204-205°

Optical Rotation: $[\alpha]_{\text{D}}^{28} +71$ (MeOH)

>>Derivative: 3,7,12-Tri-Ac, Me ester

CAS Registry Number: 6818-44-6

Molecular Formula: C₃₁H₄₈O₈

Molecular Weight: 548.715

Accurate Mass: 548.33492

Percentage Composition: C 67.86%; H 8.82%; O 23.33%

Melting Point: Mp 89-91°

Optical Rotation: $[\alpha]_{\text{D}}^{27} +77$ (MeOH)

>>Derivative: Taurine conjugate