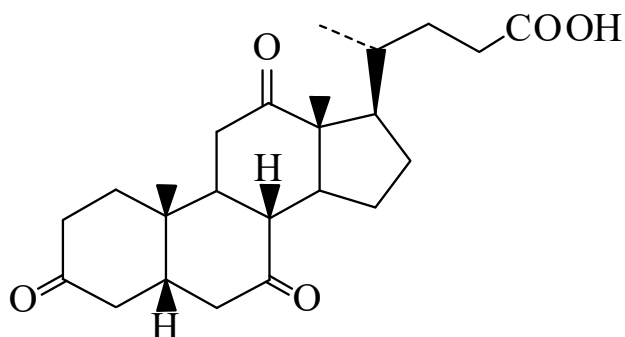




>>Entry Name: **Dehydrocholic acid**, BAN, INN, USAN

Synonym(s): 3,7,12-Trioxocholan-24-oic acid. Decholin. Dehydrocholin. Atrocholin. Dilabil. Hykolex. Ketochol. Dehychol



CAS Registry Number: 81-23-2

Molecular Formula: $C_{24}H_{34}O_5$

Molecular Weight: 402.53

Accurate Mass: 402.240625

Percentage Composition: C 71.61%; H 8.51%; O 19.87%

Source/Synthesis: Oxidn. prod. of 3,7,12-Trihydroxycholan-24-oic acid [HLJ16-X](#)

Use/Importance: Choloretic agent, laxative, diagnostic aid

Physical Description: Cryst. (Me_2CO)

Melting Point: Mp 237°

Optical Rotation: $[\alpha]_D^{20} +26$ (c, 1.4 in EtOH)

Calculated Log P Data: Log P 1.18 (uncertain value) (calc)

Other Data: Stereochem. is (5 β ,17 β)

Fluka: 30830

Rare Chemicals Library: S41562-6

Sigma: D3750

>>Derivative: Na salt

Synonym(s): **Dehydrocholate sodium**, USAN

CAS Registry Number: 145-41-5

Fluka: 30850

Sigma: D3875

>>Derivative: Et ester

Synonym(s): **Ethyl dehydrocholate**. Coledrin-Compresse. Deidrosan. Eucolil. Fluxobil. Lisacol

CAS Registry Number: 52718-49-7

Molecular Formula: $C_{26}H_{38}O_5$

Molecular Weight: 430.583

Accurate Mass: 430.271925

Percentage Composition: C 72.53%; H 8.89%; O 18.58%

Use/Importance: Choloretic agent

Melting Point: Mp 218-220°

Calculated Log P Data: Log P 2.13 (uncertain value) (calc)

>>Derivative: Diester with 3,3-bis(4-hydroxyphenyl)-2-oxoindole

Synonym(s): **Cofisatin**, INN

CAS Registry Number: 54063-34-2

Molecular Formula: $C_{68}H_{79}NO_{11}$

Molecular Weight: 1086.372

Accurate Mass: 1085.565314

Percentage Composition: C 75.18%; H 7.33%; N 1.29%; O 16.20%

Use/Importance: Laxative

Melting Point: Mp 235-236°

Calculated Log P Data: Log P 4.76 (uncertain value) (calc)