

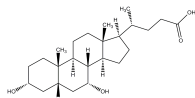
PRODUCT: Chenodeoxycholic acid

ALTERNATE NAME: CDCA; Fluibil; Hekbilin; Anthropodeoxycholic Acid; Kebilis; Ulmenide; chenix

CATALOG #: 2831-1G, 5G, 25G

AMOUNT: 1 g, 5 g, 25 g

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₄₀O₄

MOLECULAR WEIGHT: 392.57

CAS NUMBER: 474-25-9

APPEARANCE: White to off-white solid

SOLUBILITY: EtOH (50 mg/ml)

PURITY: ≥95%

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Chenodeoxycholic acid (CDCA) is a hydrophobic primary bile acid that activates nuclear receptors involved in cholesterol metabolism. EC₅₀ concentrations for activation of FXR (farnesoid X receptor) range from 13-34 μM. In cells, CDCA also binds to bile acid binding proteins (BABP) with a reported stoichiometry of 1:2.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ASB-14 (Cat. No. 1738-5G, 25G)

ASB-16 (Cat. No. 2136-1G, 5G)

CHAPS, High Purity (Cat. No. 1545-10G, 50G, 500G, 1 Kg)

Digitonin, Water-soluble (Cat. No. 2081-100, 250, 1000)

EZSolution™ Digitonin, Water-soluble (Cat. No. 2082-1)

NP-40 Substitute Detergent, MegaPure™ 10% Solution (Cat. No. 2127-50, 100, 500)

Octyl-β-D-glucopyranoside (Cat. No. 1646-5G, 25G, 50G)

Octyl-β-D-thioglucopyranoside (Cat. No. 1782-1G, 5G, 50G, 100G)

NP-40 (10% Solution in H₂O) (Cat. No. 2111-100)

Pluronic® F-127 (Cat. No. 2730-10G, 50G)

Pluronic® F-127, MegaPure™ Detergent, 10% solution (Cat. No. 2731-25, 50, 100, 500)

SDS Solution (10% Solution in H₂O) (Cat. No. 2102-100)

Sulfobetaine 3-16 (Cat. No. 1777-5G, 25G)

Taurocholic acid sodium salt (Cat. No. 2829-5G, 25G, 100G)

Triton X-100 (10% Solution in H₂O) (Cat. No. 2104-100)

Triton X-100), MegaPure™ Detergent, 10% Solution (Cat. No. 2124-50, 100, 500)

Triton X-114), MegaPure™ Detergent, 10% Solution (Cat. No. 2137-50, 100, 500)

Tween® 20 (10% Solution in H₂O) (Cat. No. 2111-100)

Tween® 20, MegaPure™, Detergent, 10% Solution (Cat. No. 2125-50, 100, 500)

Tween® 80, MegaPure™, Detergent, 10% Solution (Cat. No. 2126-50, 100, 500)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**