Product ID: C2916
CAS No.: 474-25-9

Chemical Name: (3α,5β,7α)-3,7-Dihydroxycholan-24-oic acid

Synonym: Chenodiol, CDC, Chenix, Chenossil, Fluibil, Hekbilin, Ulmenide

Formula: \( \text{C}_{24}\text{H}_{40}\text{O}_{4} \)
Formula Wt.: 392.57
Melting Point: 119°C
Purity: ≥98%

Solubility: Soluble in ethanol (20 mg/mL), methanol, acetone, or acetic acid. Practically insoluble in water, or benzene.

Store Temp: Ambient
Ship Temp: Ambient

Description: Chenodeoxycholic acid is an endogenous bile acid synthesized by the liver; it acts as an agonist at the farnesoid X receptor (FXR). Chenodeoxycholic acid exhibits anticancer and gastrointestinal motility modulating activities. This compound treats chronic constipation and displays protective benefit against NSAID-induced gastrointestinal injury. Chenodeoxycholic acid also induces apoptosis, decreases PKC activity, and inhibits growth of ovarian cancer cells.

References:


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.