6-ECDCA

FXR ligand

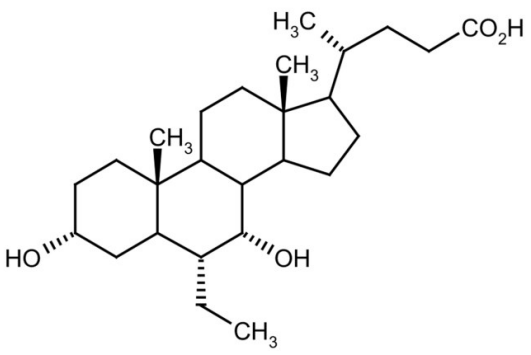
A novel derivative of cholic acid which acts as a potent and selective FXR agonist (EC_{50}= 99nM) displaying anticholeretic activity in an *in vivo* rat model of cholestasis. It not only inhibits vascular smooth muscle cell inflammation and migration but also promotes adipocyte differentiation and regulates adipose cell function *in vivo.*

Citations: 4 View Online »

Ordering Information Order Online »

BML-GR246-0005	5mg
BML-GR246-0025	25mg

Manuals, SDS & CofA View Online »


H3C
CO2H
CH3
CH3
HO
OH
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-Ethylchenodeoxycholic acid, 3α,7α-Dihydroxy-6α-ethyl-5β-cholan-24-oic acid, Obeticholic acid
Appearance	White solid.
CAS	459789-99-2
Couple Target	FXR
Couple Type	Ligand
Formula	$C_{26}H_{44}O_4$
MW	420.6
Purity	≥97% (TLC)
Solubility	Soluble in DMSO (35mg/ml) or 100% ethanol (25mg/ml).

Last modified: May 29, 2024

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