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# **DATASHEET**

6-ECDCA

#### **Product overview**

 Name
 6-ECDCA

 Cat No
 HB3731

 Purity
 >95%

**Description** Potent and selective FXR agonist

## **Biological Data**

Biological description Potent and selective FXR agonist (EC50= 99nM). Induces SHP in HSCs to suppress TIMP-1

expression. Apoptosis inducer. Protects against liver fibrosis development in rat in vivo. Displays anticholeretic activity in rat in vivo. Promotes preadipocyte differentiation. Regulates adipogenesis and

insulin signaling in vivo. Inhibits vascular smooth muscle cell inflammation and migration.

## **Solubility & Handling**

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

#### **Chemical Data**

Molecular Weight Chemical structure H<sub>1</sub>C<sub>0</sub>C<sub>0</sub>H

CAS Number

PubChem identifier

SMILES

InChiKey

459789-99-2

CC[C@H]1[C@@H](O)[C@H]2[C@@H]3CC[C@H]([C@H](C)CCC(O)=O)[C@@]3(C)CC[C@@H]2

[C@@]4(C)CC[C@@H](O)C[C@@H]14 ZXERDUOLZKYMJM-AMGBFIHRSA-N

Appearance White solid