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## DATASHEET

6-ECDCA

### Product overview

<b>Name</b>	6-ECDCA
<b>Cat No</b>	HB3731
<b>Biological action</b>	Agonist
<b>Purity</b>	>95%
<b>Description</b>	Potent and selective FXR agonist

### Biological Data

<b>Biological description</b>	Potent and selective FXR agonist (EC <sub>50</sub> = 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.
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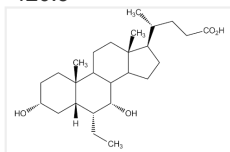
### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	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**

420.6



**CAS Number**  
**PubChem identifier**  
**SMILES**

459789-99-2

0

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

**InChiKey**  
**Appearance**

ZXERDUOLZKYMJM-AMGBFIHRSA-N

White solid