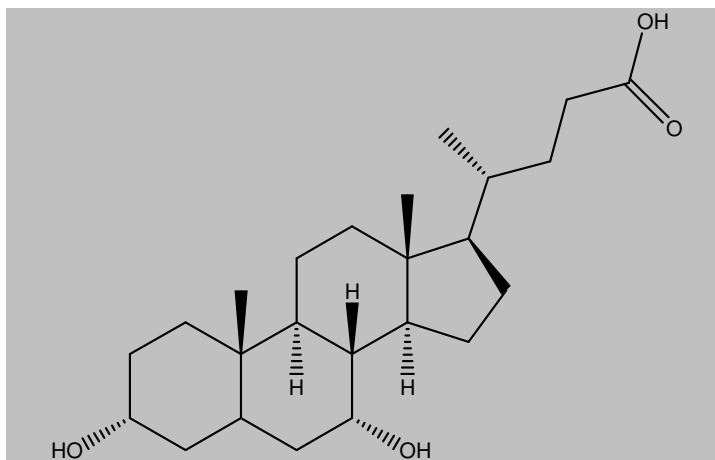


**Certificate Of Analysis**  
**Quality Control Testing and Research Application**COA Preparation Date: 30/12/2014  
COA Revision Date: 30/12/2017

**Product:** Chenodeoxycholic acid  
**Cat. No.:** BS0050  
**Batch No.:** 0050BS/01  
**Chemical Name:** Chenodiol; CDCA

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>24</sub>H<sub>40</sub>O<sub>4</sub>  
**Batch Molecular Weight:** 392.57  
**CAS No.:** [474-25-9]  
**Physical Appearance:** White crystalline powder  
**Melting Point:**  
**Solubility:** Soluble in DMSO  
**Storage:** RT  
**Batch Molecular Structure:**



**Product Description:** Farnesoid X receptor agonist (FXR, receptor for bile acids, a member of the nuclear receptor superfamily). A bile acid that induces apoptosis via a protein kinase C-dependent signaling pathway.

**References:** 1. Martinez et al. (1998) Nutr Cancer 31:111; 2. Honjo et al. (2006) J Endocrinol 188:635

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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**BS0050 Chenodeoxycholic acid**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Loss on drying: 0.95% (complies); HPLC Assay: 99.12% (complies).

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