

## Trihydroxycoprostone

Cat. No. CSUB-0945

Lot. No. (See product label)

### Introduction

**Description** Trihydroxycoprostone is a sterol, similar to cholesterol, and a substrate for the sterol 27-hydroxylase enzyme in the bile salt synthetic pathway. The accumulation of this compound in urine can manifest as jaundice or, in extreme cases, can be a sign of Xanthomatosis.

**Applications** A sterol, similar to cholesterol and is a substrate for the sterol 27-hydroxylase enzyme in the bile salt synthetic pathway. The accumulation of this compound in urine can manifest as jaundice or, in more extreme cases, is a sign of Xanthomatosis.

**Synonyms** (3 $\alpha$ ,5 $\beta$ ,7 $\alpha$ ,12 $\alpha$ )-Cholestane-3,7,12-triol; 3 $\alpha$ ,7 $\alpha$ ,12 $\alpha$ -Trihydroxycoprostone

### Product Information

<b>Form</b>	Solid
<b>CAS No.</b>	547-96-6
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>48</sub> O <sub>3</sub>
<b>Molecular Weight</b>	420.67
<b>Melting Point</b>	180-181°C (lit.)
<b>Solubility</b>	Solubility: Soluble in Chloroform and Methanol
<b>Substrates</b>	Protease

### Storage and Shipping Information

**Storage** Store at 4° C