

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 α ,5 β ,7 α ,12 α)-Cholestane-3,7,12-triol; 3 α ,7 α ,12 α -Trihydroxycoprostone

Product Information

Form Solid

CAS No. 547-96-6

Molecular Formula C₂₇H₄₈O₃

Molecular Weight 420.67

Melting Point 180-181°C (lit.)

Solubility Solubility: Soluble in Chloroform and Methanol

Substrates Protease

Storage and Shipping Information

Storage Store at 4° C