Creative Enzymes®

Trihydroxycoprostane

Cat. No. CSUB-0945

Lot. No. (See product label)

Introduction

Description	Trihydroxycoprostane is a 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	(3α,5β,7α,12α)-Cholestane-3,7,12-triol; 3α,7α,12α-Trihydroxycoprostane

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