SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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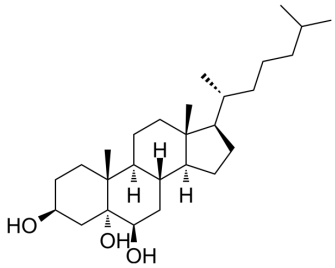
3β,5α,6β-Trihydroxycholestane

Cat. No.:	HY-W010934		
CAS No.:	1253-84-5		
Molecular Formula:	$C_{27}H_{48}O_3$		
Molecular Weight:	420.67		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (5.94 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (5.94 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3β,5α,6β-Trihydroxycholestane is a steroid that occurs naturally in the body and is also found in certain foods. It belongs to a class of compounds known as cholestanes, which are closely related to the better known cholesterol. This particular compound is formed from cholesterol through a series of enzymatic reactions in the liver and other organs. It has been studied for its potential health benefits, including its ability to reduce inflammation and oxidative stress in the body. Some research suggests that it may also play a role in regulating blood sugar levels and improving insulin sensitivity. Despite these potential benefits, 3β,5α,6β-Trihydroxycholestane is not widely used as a supplement or medicine due to its relatively low content, focus on natural resources and limited research. However, researchers continue to investigate its potential uses and effects on human health.

In Vitro

3β,5α,6β-Trihydroxycholestane is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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