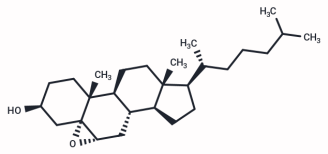
Cholesterol-5α,6α-epoxide

Cat. No.: **SN-M-LM973**

Chemical Properties

Product Name	Cholesterol-5α,6α-epoxide
Full Name	(1S,2R,5S,7R,9S,11S,12S,15R,16R)-2,16-dimethyl-15-[(2R)-6-methylheptan-2-yl]-8-oxapentacyclo[9.7.0.02,7.07,9.012,16]octadecan-5-ol
Cat. No.	SN-M-LM973
CAS No.	1250-95-9
Molecular Formula	C27H46O2
Molecular Weight	402.65
Appearance	Solid
Storage	Store at low temperature,Keep away from direct sunlight,
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	Ethanol: ≤ 20 mg/mL, Sonication is recommended. | 10% DMSO+90% Saline: 0.63 mg/mL (1.56 mM), Suspension. | DMF: 2 mg/mL (4.97 mM), Sonication is recommended. | DMSO: 6.25 mg/mL (15.52 mM), Sonication
Purity	98+%

Structure



Biological Description

Cholesterol-5α,6α-epoxide (Epoxycholesterol) is the metabolite of cholesterol produced by oxidation. Cholesterol-5α,6α-epoxide induces triacylglycerol biosynthesis by binding to LXRβ following tamoxifen and PBPE application.

Related Products / Keywords

- NSC-18176
- NSC18176
- Cholesterol-5α
- 6α-epoxide
- Cholesterol-5alpha
- 6alpha-epoxide
- Cholesterol-5a
- 6a-epoxide

This product is a research reagent and must not be used for clinical validation or human therapeutic use.