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Produktinformation

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

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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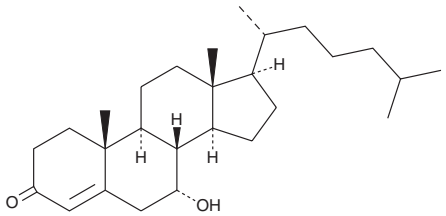
PRODUCT INFORMATION

7α-hydroxy-4-Cholesten-3-one

Item No. 25442

CAS Registry No.: 3862-25-7
Formal Name: 7α-hydroxy-cholest-4-en-3-one
MF: $C_{27}H_{44}O_2$
FW: 400.6
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

7α-hydroxy-4-Cholesten-3-one is supplied as a solid. A stock solution may be made by dissolving the 7α-hydroxy-4-cholesten-3-one in the solvent of choice, which should be purged with an inert gas. 7α-hydroxy-4-Cholesten-3-one is slightly soluble in methanol and chloroform.

Description

7α-hydroxy-4-Cholesten-3-one is a metabolite of 7α-hydroxy cholesterol and an intermediate in the biosynthesis of bile acids.[1] Plasma levels of 7α-hydroxy-4-cholesten-3-one positively correlate with the rate of bile acid synthesis in humans and are increased in patients following ileal resection.[2]

References

1. Russell, D.W. The enzymes, regulation, and genetics of bile acid synthesis. *Annu. Rev. Biochem.* **72**, 137-174 (2003).
2. Axelson, M., Aly, A., and Sjövall, J. Levels of 7α-hydroxy-4-cholesten-3-one in plasma reflect rates of bile acid synthesis in man. *FEBS Lett.* **239(2)**, 324-328 (1988).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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