



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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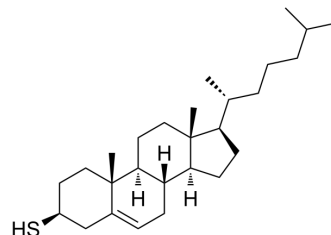
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Thiocholesterol

Cat. No.:	HY-W414069
CAS No.:	1249-81-6
Molecular Formula:	C ₂₇ H ₄₆ S
Molecular Weight:	403
Target:	Endogenous Metabolite; Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Thiocholesterol is a member of the class of cholesteric liquid crystals (CLCs) that can be used to synthesis cationic lipid. Thiocholesterol is a stronger stabilizer of silver nanoparticles (SNPs). Thiocholesterol can be used for plasma membrane research and drug delivery^{[1][2]}.

REFERENCES

[1]. Huang Z, et al. Thiocholesterol-based lipids for ordered assembly of bioresponsive gene carriers. Mol Ther. 2005 Mar;11(3):409-17.

[2]. Ya. A. Gromova, et al. Adsorption Properties of Hybrid Metal–Mesogenic Silver–Cholesterol and Silver–Thiocholesterol Nanosystems. PHYSICAL CHEMISTRY OF NANOCLOUDS AND NANOMATERIALS. 2019.

Caution: Product has not been fully validated for medical applications. For research use only.

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