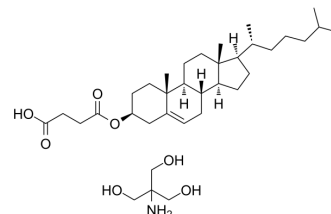


Cholesterol hemisuccinate Tris salt

Cat. No.:	HY-W010800A
CAS No.:	102601-49-0
Molecular Formula:	C ₃₅ H ₆₁ NO ₇
Molecular Weight:	607.86
Target:	Topoisomerase; DNA/RNA Synthesis; Apoptosis; Necroptosis
Pathway:	Cell Cycle/DNA Damage; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cholesterol hemisuccinate Tris salt (CHS-Tris) is often used to replace cholesterol in protein crystallography, biochemical studies of proteins, and pharmacology. CHS-Tris and Lauryl Maltose Neopentyl Glycol (LMNG) or n-Dodecyl-β-D-Maltoside (DDM) are used together for the solubilization of membrane proteins while maintaining structural integrity and activity. Cholesteryl succinate also reportedly exhibits antiproliferative activity.

REFERENCES

- [1]. Ray SD, et al. Protection of acetaminophen-induced hepatocellular apoptosis and necrosis by cholesteryl hemisuccinate pretreatment. J Pharmacol Exp Ther. 1996 Dec;279(3):1470-83.
- [2]. Varshosaz J, et al. Folate synperonic-cholesteryl hemisuccinate polymeric micelles for the targeted delivery of docetaxel in melanoma. Biomed Res Int. 2015;2015:746093.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA