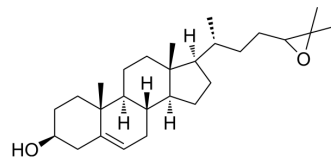


24,25-Epoxycholesterol

Cat. No.:	HY-W414823
CAS No.:	72542-49-5
Molecular Formula:	C ₂₇ H ₄₄ O ₂
Molecular Weight:	400.64
Target:	LXR; HMG-CoA Reductase (HMGR)
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

24,25-Epoxycholesterol is an oxysterol agonist of the liver X receptor that can inhibit the activity of 3-hydroxy-3-methylglutaryl-CoA reductase (HMG-CoA reductase) in liver cells. 24,25-Epoxycholesterol regulates cholesterol metabolism in the liver^[1].

REFERENCES

[1]. Andrew J Brown, et al. 24(S),25-epoxycholesterol: a messenger for cholesterol homeostasis. *Int J Biochem Cell Biol.* 2009 Apr;41(4):744-7.

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

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