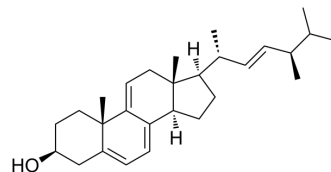


Dehydroergosterol

Cat. No.:	HY-118667
CAS No.:	516-85-8
Molecular Formula:	C ₂₈ H ₄₂ O
Molecular Weight:	394.63
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dehydroergosterol is a naturally occurring fluorescent sterol analog (Ex/Em=325/375 nm), which mimics the properties of cholesterol in cell membranes. Dehydroergosterol is easily conjugated by cholesterol-binding proteins for real-time imaging in live cells. Dehydroergosterol can be used to probe the sterol environment and intracellular sterol transport in vivo in real time^[1].

REFERENCES

[1]. McIntosh A L, et al. Fluorescence techniques using dehydroergosterol to study cholesterol trafficking[J]. Lipids, 2008, 43: 1185-1208.

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

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