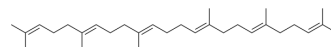


(E/Z)-Squalene

Cat. No.:	HY-N1214A
CAS No.:	7683-64-9
Molecular Formula:	C ₃₀ H ₅₀
Molecular Weight:	410.72
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(E/Z)-Squalene ((E/Z)-Super Squalene; (E/Z)-AddaVax) is a triterpenic compound. (E/Z)-Squalene accumulates and reduces liver cholesterol and triglycerides in the liver. (E/Z)-Squalene regulates the production of intracellular active oxidants (ROS) and induces apoptosis and necrosis in a concentration- and time-dependent manner ^[1] .
In Vitro	(E/Z)-Squalene (0-50 μM) reduces intracellular ROS levels in human mammary epithelial cells (MCF10A), prevents H ₂ O ₂ -induced oxidative damage, and protects cells from DNA oxidative damage ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lou-Bonafonte JM, et al. Current Insights into the Biological Action of Squalene. Mol Nutr Food Res. 2018 Jun 8:e1800136.

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

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