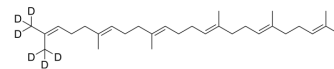


## Squalene-d<sub>6</sub>

Cat. No.:	HY-N1214S
CAS No.:	1875101-86-2
Molecular Formula:	C <sub>30</sub> H <sub>44</sub> D <sub>6</sub>
Molecular Weight:	416.75
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

Squalene-d<sub>6</sub> is a deuterium labeled Squalene. Squalene (Super Squalene) is an intermediate product in the synthesis of cholesterol, and shows several pharmacological properties such as hypolipidemic, hepatoprotective, antiatherosclerotic, cardioprotective, antioxidant, and antitumour activity<sup>[1][2]</sup>.

### REFERENCES

[1]. Muzalevskaya EN, et al. SQUALENE: PHYSIOLOGICAL AND PHARMACOLOGICAL PROPERTIES. Eksp Klin Farmakol. 2015;78(6):30-6.

[2]. Fernando Warleta, et al. Squalene protects against oxidative DNA damage in MCF10A human mammary epithelial cells but not in MCF7 and MDA-MB-231 human breast cancer cells. Food Chem Toxicol. 2010 Apr;48(4):1092-100.

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

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