

## Dotriacontane

Cat. No.:	HY-N9600
CAS No.:	544-85-4
Molecular Formula:	C <sub>32</sub> H <sub>66</sub>
Molecular Weight:	450.87
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Dotriacontane is an alkane substance that can be absorbed and metabolized by photosynthetic organisms. It can be labeled with <sup>14</sup>C and used for carbon tracing<sup>[1]</sup>.

### REFERENCES

[1]. Boutry J L, et al. The marine diatom *Chaetoceros simplex calcitrans* Paulsen and its environment. Effects of light and ultraviolet irradiation on the biosynthesis of fatty acids[J]. Comptes Rendus Hebdomadaires des Seances de L'academie des sciences. Serie D: Sciences Naturelles, 1976, 282(2): 239-242.

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

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