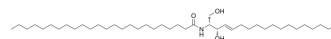


C24-Ceramide (d18:1/24:0)

Cat. No.:	HY-134508A
CAS No.:	102917-80-6
Molecular Formula:	C ₄₂ H ₈₃ NO ₃
Molecular Weight:	650.11
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

C24-Ceramide (d18:1/24:0) is a sphingolipid that can be used for the lipid membranes composed. C24-Ceramide (d18:1/24:0) induces time-dependent changes in membrane properties. C24-Ceramide (d18:1/24:0) induces membrane reorganization^[1] [2].

REFERENCES

- [1]. Ventura AE, et al. Lipid domain formation and membrane shaping by C24-ceramide. *Biochim Biophys Acta Biomembr.* 2020 Oct 1;1862(10):183400.
- [2]. González-Ramírez EJ, et al. C24:0 and C24:1 sphingolipids in cholesterol-containing, five- and six-component lipid membranes. *Sci Rep.* 2020 Aug 24;10(1):14085.

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

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