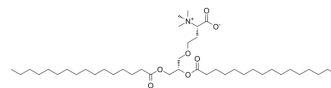


DGTS

Cat. No.:	HY-N12762
CAS No.:	1607456-57-4
Molecular Formula:	C ₄₂ H ₈₁ NO ₇
Molecular Weight:	712.1
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DGTS, as described, is a structural isomer of DGTA and one of the most common betaine lipids found in microalgae, particularly abundant in Chlorophyceae^[1]. DGTS is a helper lipid that is structurally similar to DSPE or DOPE.

REFERENCES

[1]. Li Y, et al. Simultaneous structural identification of diacylglyceryl-N-trimethylhomoserine (DGTS) and diacylglycerylhydroxymethyl-N,N,N-trimethyl-β-alanine (DGTA) in microalgae using dual Li⁺/H⁺ adduct ion mode by ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. *Rapid Commun Mass Spectrom.* 2017 Mar 15;31(5):457-468.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA