



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

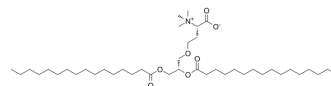
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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 diacylglycerol-N-trimethylhomoserine (DGTS) and diacylglycerolhydroxymethyl-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