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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

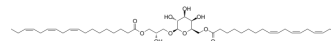
mail@szabo-scandic.com

www.szabo-scandic.com

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

Monogalactosyldiacylglycerol

Cat. No.:	HY-N12540
CAS No.:	1932659-76-1
Molecular Formula:	C ₄₅ H ₇₄ O ₁₀
Molecular Weight:	775.06
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Monogalactosyldiacylglycerol (MGDG) is a polar lipid that does not form a bilayer and is found, for example, in the chloroplast thylakoid of aerobic photosynthetic organisms. Monogalactosyldiacylglycerol lacks charge and is highly unsaturated, which provides a fluid environment that facilitates the diffusion process of electron transfer in photosynthesis and may be used in the packaging of natural proteins. The galactolipid Monogalactosyldiacylglycerol has anti-inflammatory effects in vivo^{[1][2]}.

REFERENCES

- [1]. Gounaris K, et al. Monogalactosyldiacylglycerol: the most abundant polar lipid in nature[J]. Trends in Biochemical Sciences, 1983, 8(10): 378-381.
- [2]. Bruno A, et al. Selective in vivo anti-inflammatory action of the galactolipid monogalactosyldiacylglycerol[J]. European Journal of Pharmacology, 2005, 524(1-3): 159-168.

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