



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# PRODUCT INFORMATION



## C2 Sphingomyelin (d18:1/2:0)

Item No. 24353

**CAS Registry No.:** 74713-54-5  
**Formal Name:** 4-hydroxy-7-(1-hydroxy-2-hexadecen-1-yl)-N,N,N-trimethyl-9-oxo-3,5-dioxo-8-aza-4-phosphadecan-1-aminium, 4-oxide, inner salt

**Synonyms:** Acetyl Sphingomyelin, N-Acetyl Sphingosylphosphorylcholine, SM(d18:1/2:0), Sphingomyelin (d18:1/2:0)

**MF:** C<sub>25</sub>H<sub>51</sub>N<sub>2</sub>O<sub>6</sub>P

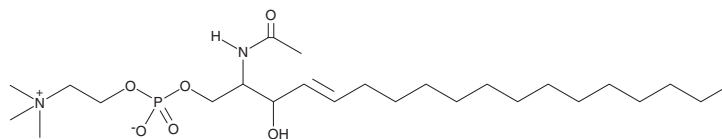
**FW:** 506.7

**Purity:** ≥98%

**Supplied as:** A solid

**Storage:** -20°C

**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

C2 Sphingomyelin (d18:1/2:0) is supplied as a solid. A stock solution may be made by dissolving the C2 sphingomyelin in the solvent of choice. C2 Sphingomyelin (d18:1/2:0) is soluble in ethanol and a 2:1 solution of chloroform:methanol.

### Description

C2 Sphingomyelin is a synthetic cell-permeable derivative of sphingomyelin (Item Nos. 22674 | 24345). It is composed of a sphingomyelin backbone amine-linked to a C2 fatty acid chain. This product is a mixture of the D-erythro and L-threo isomers of C2 sphingomyelin.

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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