



# 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



## C17 Lactosylceramide (d18:1/17:0)

Item No. 24356

**CAS Registry No.:** 1354699-26-5  
**Formal Name:** N-[(1S,2R,3E)-1-[[[4-O-β-D-galactopyranosyl-β-D-glucopyranosyl]oxy]methyl]-2-hydroxy-3-heptadecen-1-yl]-heptadecanamide

**Synonyms:** N-Heptadecanoyl Lactosylceramide, LacCer(d18:1/17:0), Lactosylceramide (d18:1/17:0)

**MF:** C<sub>47</sub>H<sub>89</sub>NO<sub>13</sub>

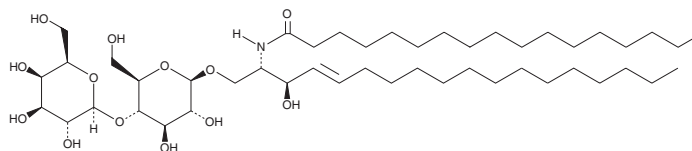
**FW:** 876.2

**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

C17 Lactosylceramide (d18:1/17:0) is supplied as a solid. A stock solution may be made by dissolving the C17 lactosylceramide (d18:1/17:0) in the solvent of choice. C17 Lactosylceramide (d18:1/17:0) is soluble in a 2:1:0.1 solution of chloroform:methanol:water.

### Description

C17 Lactosylceramide is a naturally occurring sphingolipid that has been found in human brain metastases of lung adenocarcinomas but not in healthy brain tissue.<sup>1</sup>

### Reference

1. Zamfir, A.D., Serb, A., Vukeli, Ž., *et al.* Assessment of the molecular expression and structure of gangliosides in brain metastasis of lung adenocarcinoma by an advanced approach based on fully automated chip-nanoelectrospray mass spectrometry. *J. Am. Soc. Mass Spectrom.* **22(12)**, 2145-2159 (2011).

#### 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.

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