# PRODUCT INFORMATION



## C2 3'-sulfo Galactosylceramide (d18:1/2:0)

Item No. 24861

CAS Registry No.: 252846-08-5

Formal Name: N-[(1S,2R,3E)-2-hydroxy-1-[[(3-O-sulfo-β-D-

galactopyranosyl)oxylmethyl]-3-heptadecen-

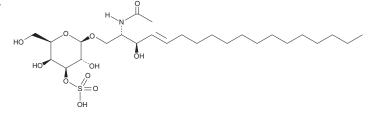
1-yl]-acetamide

Synonyms: (3'-sulfo)Gal\(\beta\)-Cer(d18:1/2:0),

C2 Sulfatide, N-acetyl Sulfatide

 $C_{26}H_{49}NO_{11}S$ MF:

FW: 583.7 **Purity:** ≥98% Supplied as: A solid -20°C Storage: Stability: ≥4 years



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

## **Laboratory Procedures**

C2 3'-sulfo Galactosylceramide (d18:1/2:0) is supplied as a solid. A stock solution may be made by dissolving the C2 3'-sulfo galactosylceramide (d18:1/2:0) in the solvent of choice. C2 3'-sulfo Galactosylceramide (d18:1/2:0) is soluble in ethanol, methanol, and a 2:1 solution of chloroform:methanol.

### Description

C2 3'-sulfo Galactosylceramide is a member of the sulfatide class of glycolipids. It has been used as an internal standard in the quantification of lysosulfatides in mouse brain tissue and plasma. As this product is derived from a natural source, there may be variations in the sphingoid backbone.

### Reference

1. Mirzaian, M., Kramer, G., and Poorthuis, B.J. Quantification of sulfatides and lysosulfatides in tissues and body fluids by liquid chromatography-tandem mass spectrometry. J. Lipid. Res. 56(4), 936-943 (2015).

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

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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