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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

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PRODUCT INFORMATION



EOP (t18:0/28:0/18:2)-d₁₁

Item No. 9004339

Formal Name: 28-oxo-28-(((2S,3S,4R)-1,3,4-trihydroxyoctadecan-2-yl)amino)octacosyl (9Z,12Z)-octadeca-9,12-dienoate-14,14,15,15,16,16,17,17,18,18,18-d₁₁

Synonyms: ACer 64:2;O4-d₁₁, Cer(t18:0/28:0/18:2(9Z,12Z))-d₁₁, C46:2 EOP (t18:0/28:0w18:2 (9Z,12Z))-d₁₁, ω-Linoleoyloxy-Cer(t18:0/28:0)-d₁₁, N-(28-linoleoyloxy-octacosanoyl)-Phytosphingosine-d₁₁

MF: C₆₄H₁₁₂D₁₁NO₆

FW: 1,013.7

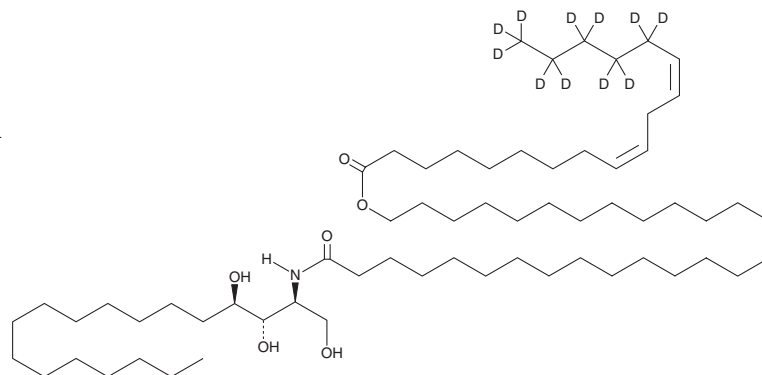
Chemical Purity: ≥95% (EOP (t18:0/28:0/18:2))

Deuterium Incorporation: ≥99% deuterated forms (d₁-d₁₁); ≤1% d₀

Supplied as: A solution in dichloromethane

Storage: -20°C

Stability: ≥1 year



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

Laboratory Procedures

EOP (t18:0/28:0/18:2)-d₁₁ (Item name, include salt) is intended for use as an internal standard for the quantification of EOP (t18:0/28:0/18:2) by GC- or LC-MS. The accuracy of the sample weight in this vial is between 5% over and 2% under the amount shown on the vial. If better precision is required, the deuterated standard should be quantitated against a more precisely weighed unlabeled standard by constructing a standard curve of peak intensity ratios (deuterated *versus* unlabeled).

EOP (t18:0/28:0/18:2)-d₁₁ is supplied as a solution in dichloromethane. To change the solvent, simply evaporate the dichloromethane under a gentle stream of nitrogen and immediately add the solvent of choice. EOP (t18:0/28:0/18:2)-d₁₁ is sparingly (1-10 mg/ml) soluble in chloroform.

Description

EOP (t18:0/28:0/18:2) is a phytoceramide composed of an ω-hydroxy very long-chain ceramide esterified to the essential fatty acid linoleic acid (Item Nos. 90150 | 90150.1 | 21909).

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

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