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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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

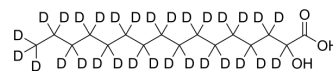
mail@szabo-scandic.com

www.szabo-scandic.com

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

2-Hydroxypalmitic acid-d₃₀

Cat. No.:	HY-N7814S
CAS No.:	2692623-90-6
Molecular Formula:	C ₁₆ H ₂ D ₃₀ O ₃
Molecular Weight:	302.61
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	2-Hydroxypalmitic acid-d ₃₀ (2-Hydroxyhexadecanoic acid-d ₃₀) is deuterium labeled 2-Hydroxypalmitic acid. 2-Hydroxypalmitic acid is an intermediate in phytosphingosine metabolism ^{[1][1][2]} .
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REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Kondo N, et al. Identification of the phytosphingosine metabolic pathway leading to odd-numbered fatty acids [published correction appears in Nat Commun. 2015;6:6815]. Nat Commun. 2014;5:5338. Published 2014 Oct 27.

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