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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

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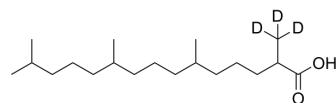
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Pristanic acid-d₃

Cat. No.:	HY-113024S
CAS No.:	1383920-14-6
Molecular Formula:	C ₁₉ H ₃₅ D ₃ O ₂
Molecular Weight:	301.52
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

Pristanic acid-d₃ is deuterium labeled Pristanic acid. Pristanic acid is an endogenous metabolite present in Blood that can be used for the research of Alpha Methylacyl CoA Racemase Deficiency and Zellweger Syndrome^{[1][2][3][1][2][3][4]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. McLean BN, et al. A new defect of peroxisomal function involving pristanic acid: a case report. J Neurol Neurosurg Psychiatry. 2002 Mar;72(3):396-9.
- [3]. Baumgartner MR, et al. Clinical approach to inherited peroxisomal disorders: a series of 27 patients. Ann Neurol. 1998 Nov;44(5):720-30.
- [4]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. Oncogene. 2020 Aug;39(35):5709-5720.

Caution: Product has not been fully validated for medical applications. For research use only.

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