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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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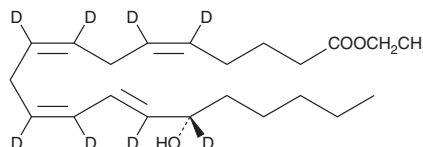
PRODUCT INFORMATION



15(S)-HETE-d₈ ethyl ester

Item No. 30578

Formal Name:	15(S)-hydroxy-5Z,8Z,11Z,13E-eicosatetraenoic-5,6,8,9,11,12,14,15-d ₈ acid, ethyl ester
Synonym:	15(S)-Hydroxyeicosatetraenoic Acid-d ₈ ethyl ester
MF:	C ₂₂ H ₂₈ D ₈ O ₃
FW:	356.6
Chemical Purity:	≥95% (15(S)-HETE ethyl ester)
Deuterium Incorporation:	≥99% deuterated forms (d ₁ -d ₈); ≤1% d ₀
UV/Vis.:	λ _{max} : 235 nm
Supplied as:	A solution in acetonitrile
Storage:	-20°C
Stability:	≥1 year



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

Laboratory Procedures

15(S)-HETE-d₈ ethyl ester is intended for use as an internal standard for the quantification of 15(S)-HETE ethyl ester 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).

Description

15(S)-HETE ethyl ester is an esterified form of 15(S)-HETE (Item No. 34720), a major metabolite of arachidonic acid (Item Nos. 90010 | 90010.1 | 10006607) via the 15-lipoxygenase pathway.¹

Reference

1. Derogis, P.B.M.C., Chaves-Filho, A.B., and Miyamoto, S. Characterization of hydroxy and hydroperoxy polyunsaturated fatty acids by mass spectrometry. *Bioactive lipids in health and disease*. Trostchansky, A., and Rubbo, H., editors, Springer (2019).

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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