13(S)-Hydroxyoctadecenoic acid (13-HODE), Oxidative metabolite of linoleic acid ab141652

Overview

Product name 13(S)-Hydroxyoctadecenoic acid (13-HODE), Oxidative metabolite of linoleic acid
Description Oxidative metabolite of linoleic acid
Biological description Oxidative metabolite of linoleic acid generated via 15-lipoxygenase. Mitogenic signalling molecule. PPAR agonist.
Purity > 99%
CAS Number 29623-28-7
Chemical structure

Properties

Chemical name (9Z,11E,13S)-13-Hydroxyoctadecanoic acid
Molecular weight 296.50
Molecular formula C₁₈H₃₂O₃
PubChem identifier 6443013
Storage instructions Store at -20°C (desiccating conditions).
Solubility overview Supplied in ethanol (50 µg/ml)
Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be usable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.
Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
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Source Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"
Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team