PRODUCT INFORMATION

Oxylipins MaxSpec® Discovery Mixture 1 at 5 µg/ml each

Item No. 33596

Supplied as: A mixture in 1 ml ethanol:methanol (60:40); in a deactivated glass ampule
Concentration: See certificate of analysis for verified concentrations
Storage: -80°C
Stability: ≥3 years; *Stability testing is ongoing to ensure concentration accuracy. The certificate of analysis and product expiry date will be updated upon completion of testing.*
Special Conditions: Store upright and unopened at -80°C. Warm to room temperature prior to opening. Light sensitive.

Description

Oxylipins MaxSpec® Discovery Mixture 1 contains 12 metabolites derived from either docosahexaenoic acid (Item Nos. 90310 | 17950) or eicosapentaenoic acid (Item Nos. 90110 | 90110.1 | 21908) *via* cytochrome P450 or lipoxygenase pathway enzymes, but several could also be formed non-enzymatically.

Oxylipins MaxSpec® Discovery Mixture 1 has been prepared specifically for mass spectrometry or any application where quantitative reproducibility is required. The solution has been prepared gravimetrically and is supplied in a deactivated glass ampule sealed under argon. The concentration was verified by comparison to an independently prepared calibration standard. The verified concentration is provided on the certificate of analysis. This Oxylipins MaxSpec® Discovery Mixture 1 is guaranteed to meet identity, purity, stability, and concentration specifications and is provided with a batch-specific certificate of analysis. Ongoing stability testing is performed to ensure the concentration remains accurate throughout the shelf life of the product. ***Note:*** *The amount of solution added to the vial is in excess of the listed amount. Therefore, it is necessary to accurately measure volumes for preparation of calibration standards. Follow recommended storage and handling conditions to maintain product quality.*

Contents

The Oxylipins MaxSpec® Discovery Mixture 1 contains the following:

Item No.	Item Name (Concentration: 5 µg/ml each)
29142	14(S)-HDHA MaxSpec® Standard
29141	(±)16(17)-DiHDPA MaxSpec® Standard
29140	(±)14(15)-DiHETE MaxSpec® Standard
26240	(±)16(17)-EpDPA MaxSpec® Standard
26003	15(S)-HEPE MaxSpec® Standard
25904	5(S)-HEPE MaxSpec® Standard
25367	(±)17(18)-EpETE MaxSpec® Standard
25272	(±)19(20)-EpDPA MaxSpec® Standard
24922	(±)19(20)-DiHDPA MaxSpec® Standard
23567	(±)18-HEPE MaxSpec® Standard
23563	(±)17(18)-DiHETE MaxSpec® Standard
10007223	(±)17-HDHA MaxSpec® Standard

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
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM