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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



Docosahexaenoic Acid CYP450 Oxylinins LC-MS Mixture

Item No. 22639

Supplied as: A solution in ethanol (1 µg/ml of each compound)
Storage: -20°C
Stability: ≥3 years

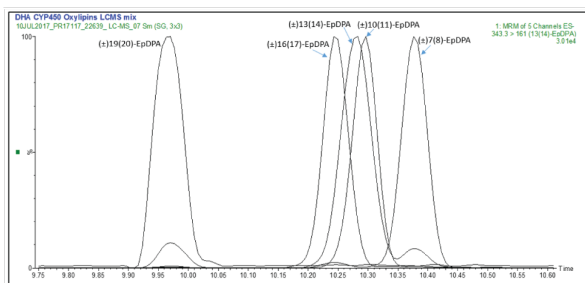
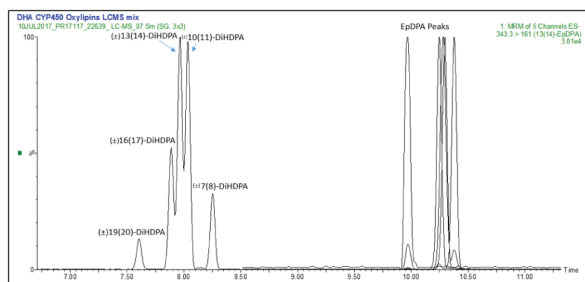
Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

The Docosahexaenoic Acid (DHA) CYP450 oxylinins LC-MS mixture contains oxylinin metabolites derived from DHA (Item No. 90310). The mixture is supplied in an amber ampule in which the headspace has been purged with argon to prevent lipid oxidation. This product has been designed for direct use in LC-MS applications. The solution may be used as a system suitability standard or tuning standard. After opening, we recommend that the mixture be transferred immediately to a 1 ml glass screw cap vial, to prevent solvent evaporation, and stored at -20°C. The mixture should be discarded after multiple freeze/thaw cycles.

This mixture contains (±)7(8)-EpDHA (Item No. 10465), (±)10(11)-EpDHA (Item No. 10471), (±)13(14)-EpDHA (Item No. 10464), (±)16(17)-EpDHA (Item No. 10174), (±)19(20)-EpDHA (Item No. 10175), 7(8)-DiHDPA (Item No. 10469), 10(11)-DiHDPA (Item No. 18174), 13(14)-DiHDPA (Item No. 18175), 16(17)-DiHDPA (Item No. 18176), and (±)-19(20)-DiHDPA (Item No. 10007001).

Contents



Item Number: 22639		DHA CYP450 Oxylinins LC-MS Mixture		
Item Number	Item Name	Mass (Da)	M/Z Transition	RT (min)
10007001	(±)19(20)-DiHDPA	362.5	361.5>229.4	7.61
18176	16(17)-DiHDPA	362.5	343.4>153.2	7.89
18175	13(14)-DiHDPA	362.5	361.3>193.1	7.97
18174	10(11)-DiHDPA	362.5	361.3>153.2	8.01
10469	7(8)-DiHDPA	362.5	361.3>127.1	8.25
18174	(±)19(20)-EpDPA	344.5	343.5>241.6	9.98
10174	(±)16(17)-EpDPA	344.5	343.3>274.4	10.23
10464	(±)13(14)-EpDPA	344.5	343.3>161.3	10.27
10471	(±)10(11)-EpDPA	344.5	343.4>153.2	10.30
10465	(±)7(8)-EpDPA	344.5	343.5>112.8	10.37

LC-MS/MS: Waters Acquity UPLC-XEVO TQD
 Mobile Phase: A: Water + 0.1% Formic Acid; B: Acetonitrile + 0.1% Formic Acid
 Column: Waters BEH C8, 2.1 x 100 mm, 1.7 µm, Negative Electrospray Ionization
 Flow Rate: 400 µl/min
 MRM Scan

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
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