

Product Data Sheet

Product Name: 8(S)-HETrE

Cat. No.: GC42619

Chemical Properties

Cas. No. 889573-69-7

SMILES CCCCC/C=C\C\C=C\C=C/[C@@H](O)CCCCCCC(=O)O

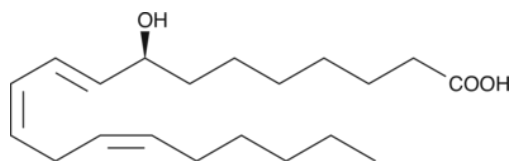
Formula C₂₀H₃₄O₃ M.Wt 322.5

Solubility 0.1 M Na₂CO₃: 2 mg/ml, DMF: Storage Store at -20°C
Miscible, DMSO: Miscible, Ethanol:
Miscible, PBS pH 7.2: 0.8 mg/ml

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

8(S)-HETrE is a monohydroxy polyunsaturated fatty acid produced by rabbit neutrophil lipoxygenase when dihomog-γ-linolenic acid is used as a substrate. Although the biological activities of 8(S)-HETrE have not been well characterized, it is expected to behave similarly to 8(S)-HETE.

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

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