

Product Data Sheet

Product Name: (±)15-HETE

Cat. No.: GC40432

Chemical Properties

Cas. No. 71030-36-9

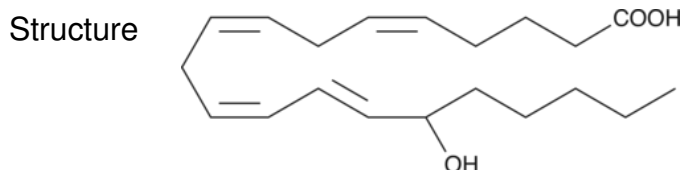
SMILES CCCCC(O)\C=C\C=C\C/C=C\C/C=C\C/C=C\CCCC(=O)O

Formula C₂₀H₃₂O₃ M.Wt 320.5

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.



Background

(±)15-HETE is one of the six monohydroxy fatty acids produced by the non-enzymatic oxidation of arachidonic acid. The biological activity of (±)15-HETE is similar to that of its constituent enantiomers.

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

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