

Product Data Sheet

Product Name: 12(S)-HETrE

Cat. No.: GC41882

Chemical Properties

Cas. No. 72710-10-2

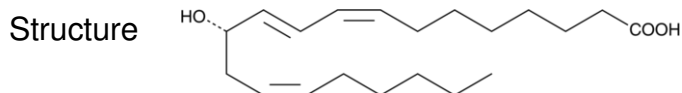
SMILES CCCCC/C=C\C[C@H](O)/C=C/C=C\CCCCCCC(O)=O

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.



Background

12(S)-HETrE is produced by 12-lipoxygenase oxidation of dihomo-γ-linolenic acid (DGLA). 12(S)-HETrE is reported to inhibit agonist-mediated platelet activation (IC₅₀ = 40 μM), α granule secretion, integrin αIIbβ₃ activation, Rap1 activation, and thrombin-induced clot retraction in vitro.

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

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