

Product Data Sheet

Product Name: 15(S)-HEDE

Cat. No.: GC40427

Chemical Properties

Cas. No. 92693-04-4

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

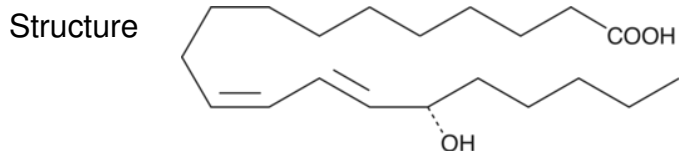
Formula C₂₀H₃₆O₃ M.Wt 324.5

Solubility DMF: >50 mg/ml (per Rao Maddipati), DMSO: >50 mg/ml (per Rao Maddipati), Ethanol: >50 mg/ml (per Rao Maddipati), PBS pH 7.2: >1 mg/ml (from 13(S)-HODE)

Storage Store at -20°C

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(S)-HEDE is produced from 11Z,14Z-eicosadienoic acid by 15-LO. 15(S)-HEDE is an inhibitor of RBL-1 cell 5-LO with an IC₅₀ value of 26 μM.

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

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