

Product Data Sheet

Product Name: 11(R)-HEDE

Cat. No.: GC40422

Chemical Properties

Cas. No. 330800-88-9

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

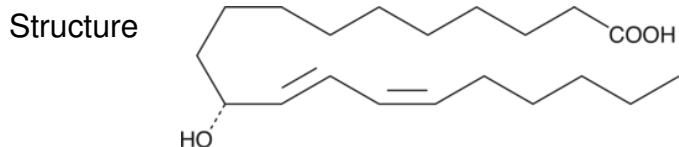
Formula C₂₀H₃₆O₃ M.Wt 324.5

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

11(R)-HEDE is produced from 11Z,14Z-eicosadienoic acid by COX in a lipoxygenase-type reaction. Spectrophotometric measurement of the conjugated diene absorbance of 11(R)-HEDE is occasionally used to quantify COX activity.

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

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