

Product Data Sheet

Product Name: 9(S)-HpODE

Cat. No.: GC40357

Chemical Properties

Cas. No. 29774-12-7

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

Formula C₁₈H₃₂O₄ M.Wt 312.4

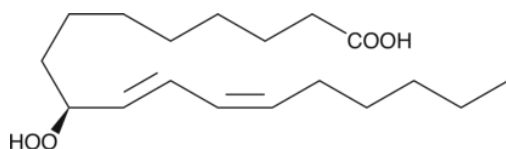
Solubility DMF: >50 mg/ml (per Rao Maddipati), DMSO: >50 mg/ml (per Rao Maddipati), Ethanol: >50 mg/ml (per Rao Maddipati), PBS pH 7.2: >1 mg/ml (from 13(S)-HODE)

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.

Structure



Background

9(S)-HpODE is produced by the action of arachidonate 5-LO on linoleic acid. It can be further metabolized by potato hydroperoxide dehydratase to colneleic acid.

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

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