

Product Data Sheet

Product Name: 17(S)-HpDHA

Cat. No.: GC40975

Chemical Properties

Cas. No. 123673-33-6

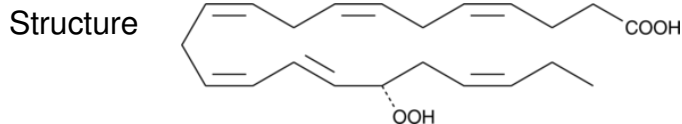
SMILES CC\C=C/C[C@H](OO)/C=C/C=C\C\C=C/C\C=C/C\C=C/C/C=C/CCC(O)=O

Formula C₂₂H₃₂O₄ M.Wt 360.5

Solubility DMF: Miscible, DMSO: Miscible, Ethanol: Miscible, PBS (pH 7.2): 0.8 mg/ml
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

17(S)-HpDHA is a mono-oxygenation product of docosahexaenoic acid in human whole blood, human leukocytes, human glial cells, and mouse brain. 17(S)-HpDHA is generally reduced to 17(S)-HDHA, a compound that serves as a precursor to 17(S)-resolvins. 17(S)-HDHA has been shown to inhibit TNF- α -induced interleukin-1 β expression in human glioma cells and inhibit TNF- α -induced leukocyte trafficking to the murine air pouch.

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

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