

Product Data Sheet

Product Name: 17(S)-HDHA

Cat. No.: GC41208

Chemical Properties

Cas. No. 92693-03-3

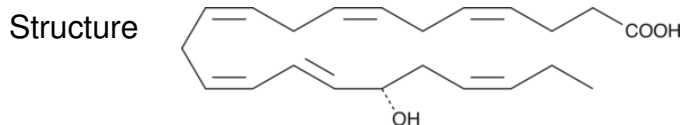
SMILES CC/C=C\C[C@H](O)/C=C/C=C\C/C=C\C/C=C\C/C=C\CCC(O)=O

Formula C₂₂H₃₂O₃ M.Wt 344.5

Solubility DMF: Miscible, DMSO: Storage Store at -20°C
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

17(S)-HDHA is a primary mono-oxygenation product of docosahexaenoic acid in human whole blood, human leukocytes, and mouse brain. 17(S)-HDHA serves as a precursor to 17(S)-resolvins and has intrinsic biological activity, such as the inhibition of TNF- α -induced interleukin-1 β expression in human glioma cells and inhibition of TNF- α -induced leukocyte trafficking to the mouse air pouch.

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

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