

Product Data Sheet

Product Name: 17(S)-HDoTE

Cat. No.: GC49356

Chemical Properties

Cas. No. 105835-39-0

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

Formula C₂₂H₃₆O₃

M.Wt 348.5

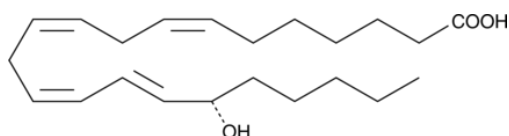
Solubility Ethanol: 10 mg/ml

Storage -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

17(S)-HDoTE is a metabolite of adrenic acid.¹ It is formed from adrenic acid by 15-lipoxygenase (15-LO) via a 17-HpDoTE intermediate.

1. Lee, I.-G., An, J.-U., Ko, Y.-J., et al. Enzymatic synthesis of new hepoxilins and trioxilins from polyunsaturated fatty acids. *Green Chem.* 21(11)3172-3181 (2019)

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

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