

## Product Data Sheet

Product Name: (±)11-HETE

Cat. No.: GC40467

### Chemical Properties

Cas. No. 73804-65-6

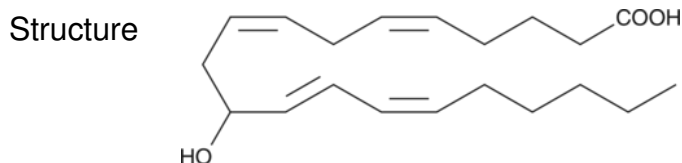
SMILES CCCCC/C=C\C=C/C(O)C/C=C\C/C=C\CCCC(=O)O

Formula C<sub>20</sub>H<sub>32</sub>O<sub>3</sub> M.Wt 320.5

Solubility 0.1 M Na<sub>2</sub>CO<sub>3</sub>: 2 mg/ml, DMF: Storage Store at -20°C  
Miscible, DMSO: 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

(±)11-HETE is one of the six monohydroxy fatty acids produced by the non-enzymatic oxidation of arachidonic acid. The individual R and S isomers of racemic HETEs have been separated and identified using chiral phase HPLC. The racemic HETEs have been quantified as an index of lipid peroxidation using GC/MS.

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

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