2-hydroxy Docosanoic Acid methyl ester

Item No. 24596

CAS Registry No.: 13980-17-1
Formal Name: 2-hydroxy-docosanoic acid, methyl ester
Synonyms: α-hydroxy Behenic Acid methyl ester, 2-hydroxy DCA methyl ester, α-hydroxy Docosanoic Acid methyl ester, Methyl 2-hydroxydocosanoate

MF: C_{23}H_{46}O_3
FW: 370.6
Purity: ≥ 98%
Supplied as: A solid
Storage: -20°C
Stability: ≥ 2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

2-hydroxy Docosanoic acid methyl ester is supplied as a solid. A stock solution may be made by dissolving the 2-hydroxy docosanoic acid methyl ester in the solvent of choice. 2-hydroxy Docosanoic acid methyl ester is soluble in organic solvents such as chloroform and ethyl ether, which should be purged with an inert gas.

Description

2-hydroxy Docosanoic acid methyl ester is a hydroxylated fatty acid methyl ester that has been found in ripe and unripe strawberry homogenates, Pseudosuberites and S. massa sea sponges, sediment samples from the Harney River, and C. frondosa and D. cinerea extracts.1-5

References