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Produktinformation

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- Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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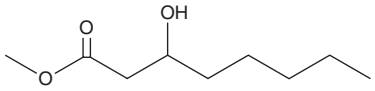
PRODUCT INFORMATION

3-hydroxy Octanoic Acid methyl ester

Item No. 24610

CAS Registry No.: 7367-87-5
Formal Name: 3-hydroxy-octanoic acid, methyl ester
Synonyms: 3-hydroxy Caprylic Acid methyl ester, β-hydroxy Octanoic Acid methyl ester
MF: $C_9H_{18}O_3$
FW: 174.2
Purity: ≥98%
Supplied as: A liquid
Storage: -20°C
Stability: ≥2 years



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

Laboratory Procedures

3-hydroxy Octanoic acid methyl ester is supplied as a liquid. A stock solution may be made by dissolving the 3-hydroxy octanoic acid methyl ester in the solvent of choice. 3-hydroxy Octanoic acid methyl ester is soluble in chloroform, ethanol, and ethyl ether.

Description

3-hydroxy Octanoic acid methyl ester is a hydroxylated fatty acid that is a volatile compound and aromatic agent that has been found in pineapple, yuzu, sudachi, and kabosu sour citrus fruits, and human axillary sweat.[1-3]

References

1. Teai, T., Claude-Lafontaine, A., Schippa, C., *et al.* Volatile compounds in fresh pulp of pineapple (*Ananas comosus* [L.] Merr.) from French Polynesia. *J. Essent. Oil Res.* **13(5)**, 314-318 (2001).
2. Tomiyama, K., Aoki, H., Oikawa, T., *et al.* Characteristic volatile components of Japanese sour citrus fruits: Yuzu, Sudachi and Kabosu. *Flavour Fragr. J.* **27(5)**, 341-355 (2012).
3. Martin, A., Saathoff, M., Kuhn, F., *et al.* A functional ABCC11 allele is essential in the biochemical formation of human axillary odor. *J. Invest. Dermatol.* **130(2)**, 529-540 (2010).

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