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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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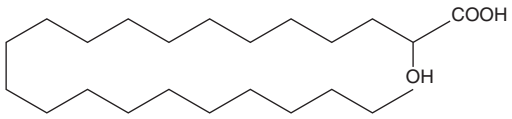
PRODUCT INFORMATION

2-hydroxy Tricosanoic Acid

Item No. 24597

CAS Registry No.: 2718-37-8
Formal Name: 2-hydroxy-tricosanoic acid
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 Tricosanoic acid is supplied as a solid. A stock solution may be made by dissolving the 2-hydroxy tricosanoic acid in the solvent of choice. 2-hydroxy Tricosanoic acid is soluble in a 5:1 solution of chlorofom:methanol.

Description

2-hydroxy Tricosanoic acid is a hydroxylated fatty acid that has been found in the inner bark of *E. globulus*, the leaves of wild, kiyomi, and zweigeltrepe grape vines, *C. elegans*, and *Pseudosuberites* and *S. massa* sea sponges.[1-4]

References

1. Freire, C.S.R., Silvestre, A.J.D., Neto, C.P., *et al*. Lipophilic extractives of the inner and outer barks of *Eucalyptus globulus*. *Holzforschung* **56(4)**, 372-379 (2002).
2. Barnathan, G., Kornprobst, J.-M., Doumenq, P., *et al*. Sponge fatty acids, 5. Characterization of complete series of 2-hydroxy long-chain fatty acids in phospholipids of two Senegalese marine sponges from the family suberitidae: *Pseudosuberites* sp. and *Suberites massa*. *J. Nat. Prod.* **56(12)**, 2104-2113 (2004).
3. Kawaguchi, M., Imai, H., Naoe, M., *et al*. Cerebrosides in grapevine leaves: Distinct composition of sphingoid bases among the grapevine species having different tolerances to freezing temperature. *Biosci. Biotechnol. Biochem*. **64(6)**, 1271-1273 (2000).
4. Gerdt, S., Lochnit, G., Dennis, R.D., *et al*. Isolation and structural analysis of three neutral glycosphingolipids from a mixed population of *Caenorhabditis elegans* (Nematoda: Rhabditida). *Glycobiology* **7(2)**, 265-275 (1997).

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