

PRODUCT INFORMATION



Octacosanoic Acid

Item No. 31735

CAS Registry No.: 506-48-9
Synonyms: C28:0, FA 28:0,
Montanic Acid,
NSC 407311
MF: C₂₈H₅₆O₂
FW: 424.7
Purity: ≥95%
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥4 years



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

Laboratory Procedures

Octacosanoic acid is supplied as a crystalline solid. A stock solution may be made by dissolving the octacosanoic acid in the solvent of choice, which should be purged with an inert gas. Octacosanoic acid is slightly soluble in ethanol and chloroform.

Description

Octacosanoic acid is a very long-chain saturated fatty acid. It is the major component of D-003, a mixture of very long-chain aliphatic acids purified from sugar cane wax that has antiplatelet and cholesterol-lowering activities in animal models.¹

Reference

1. Gámez, R., Rodeiro, I., Fernández, I., *et al.* Preliminary evaluation of the cytotoxic and genotoxic potential of D-003: Mixture of very long chain fatty acids. *Teratog. Carcinoq. Mutagen.* **22(3)**, 175-181 (2002).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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