

Product Data Sheet

Product Name: Triacontanoic Acid

Cat. No.: GC49141

Chemical Properties

Cas. No. 506-50-3

SMILES OC(CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC)=O

Formula C₃₀H₆₀O₂ M.Wt 452.8

Solubility DMSO: 1 mg/ml, DMSO:PBS (pH 7.2) (1:3): 0.25 mg/ml Storage -20°C

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.

Structure



Background

Triacontanoic acid is a very long-chain saturated fatty acid. It is a 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

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. Carcinog. Mutagen.* 22(3):175-181 (2002)

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

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