

Product Data Sheet

Product Name: Stearidonic Acid

Cat. No.: GC18182

Chemical Properties

Cas. No. 20290-75-9

Chemical Name 6Z,9Z,12Z,15Z-octadecatetraenoic acid

SMILES CC/C=C\C/C/C=C\C/C/C=C\C/C/C=C\CCCCC(=O)O

Formula $C_{18}H_{28}O_2$ M.Wt 276.4

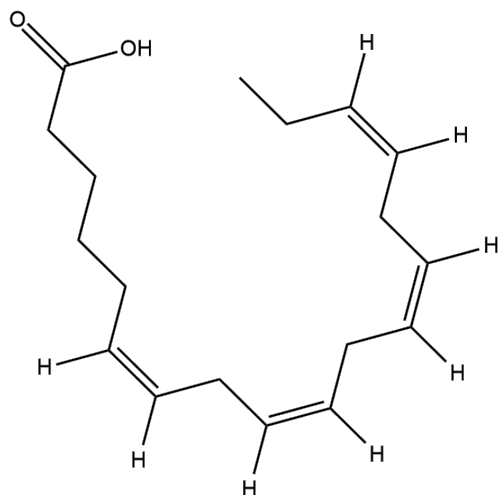
Solubility 0.15 M Tris-HCl pH 8.5: 1 mg/ml
DMF: 100 mg/ml DMSO: 100 mg/ml
Ethanol: 100 mg/ml PBS pH 7.2:
<100 µg/ml

Storage Store at -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

Stearidonic acid is an 18-carbon, ω-3 fatty acid which is a dietary precursor to EPA and DHA.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Stearidonic acid is present in small amounts in seed oils, especially black currant seed oil.

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