



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

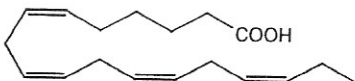
e-mail: chemical@indofinechemical.com

6(Z),9(Z),12(Z),15(Z)-Octadecatetraenoic acid (Stearidonic acid)

CAS No.: 20290-75-9

Molecular formula: C₁₈H₂₈O₂

MW: 276.41



Amount: 5 mg

Solvent: 95% ethanol

Volume: 0.5 mL

Cat. no.: 10-1840

Batch No.: LX-488

Storage: in freezer

Identity

The identity of the material is based on its mode of preparation and on the mass spectrum recorded on the methyl ester derivative showing *e.g.* a molecular ion at *m/z* 290 and ions at *m/z* 275 (M⁺ - CH₃), 261 (M⁺ - C₂H₅) and 221 (M⁺ - CH₂-CH=CH-C₂H₅).

Purity

>99%. The purity was determined by GC-MS analysis of the methyl ester derivative using a capillary column of 5% phenylmethylsiloxane (12 m, 0.33 μm film thickness, carrier gas: helium). The temperature was raised from 80°C to 300°C at a rate of 10°C/min (GC-MS analysis attached). Analysis of the methyl ester derivative was also performed using GLC/FID and a capillary column of 5% phenylmethylsiloxane (25 m, 0.33 μm film thickness, carrier gas: helium). The temperature was raised from 80°C to 325°C at a rate of 10°C/min (GLC analysis attached).

Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and approved by:

Sujata Moton

S. Moton

VP

File :D:\MassHunter\Data\MH3\test3.D
Operator :
Acquired :
Instrument : GC-MS-Kemi2_OnLine using AcqMethod SCAN-MH.M
Sample Name:
Misc Info :
Vial Number: 1

