



INDOFINE Chemical Company, Inc.

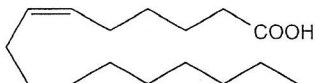
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6(Z)-Hexadecenoic acid (Sapienic acid)



Amount: 5 mg

Physical state: Colorless oil dissolved in 95% ethanol

Solvent: 95% ethanol

Volume: 0.5 mL

Cat. no.: 10-1606

Lot No.: LX-199

Identity

The identity of the material is based on its mode of preparation and on the mass spectrum of the methyl ester derivative showing *e.g.* a molecular ion at m/z 268 (attached). Oxidative ozonolysis performed on the methyl ester yielded a 1:1 mixture of methyl hydrogen adipate and decanoic acid, thus proving the double bond location at Δ^6 .

Purity

>98%. 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 120°C to 300°C at a rate of 10°C/min (GC-MS analysis attached).

