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Product Specifications

Product:

Oleoyl Chloride

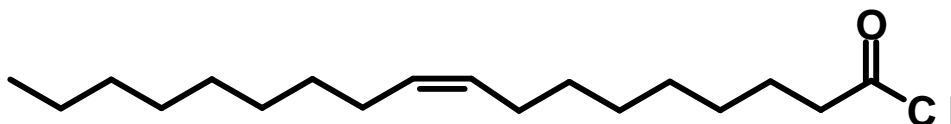
Syn:

Oleic Acid Chloride; 9-Octadecenoyl chloride; (Z)-9-Octadecenoyl Chloride; 9-(Z)-Octadecen-1-oyl Chloride; cis-9-Octadecenoyl Chloride; Oleyl Chloride

CAS No.

112-77-6

Structure



Mol. Formula
Plant Source

C₁₈H₃₃ClO
Palm Kernel

Mol. Wt.

300.92

Test

Specification

Appearance
Bp

Clear, pale-yellow liquid
169-170 °C / 4 mm Hg [Lit.]
116 °C / 1 mm Hg [Lit.]

Oleoyl Chloride content
Chain Distribution

> 90 %

C-16

< 1%

C-18:0

< 10%

C-18:1

< 1%

> C-18

< 1% ‡

Non-chlorinated Free FA

< 1%

HCl content [titrimetric]

0.05 % by wt

‡ Based on the Reported FA content of the starting material (Oleic Acid).

Storage: Maintain in cool, dry containment. **CAUTION:** Hygroscopic, corrosive liquid !!

