



>>Derivative: Butyl ester
Synonym(s): Butyl elaidate

CAS Registry Number: 22147-33-7
Molecular Formula: $C_{22}H_{42}O_2$
Molecular Weight: 338.573
Accurate Mass: 338.31848
Percentage Composition: C 78.05%; H 12.50%; O 9.45%
Physical Description: Oil
Melting Point: Mp 10.6°
Boiling Point: Bp₁₄ 228°

>>Derivative: Chloride

CAS Registry Number: 7459-35-0
Molecular Formula: $C_{18}H_{33}ClO$
Molecular Weight: 300.911
Accurate Mass: 300.221992
Percentage Composition: C 71.85%; H 11.05%; Cl 11.78%; O 5.32%
Boiling Point: Bp₁₁ 200°
Sigma: E7377

>>Derivative: Amide
Synonym(s): Elaidamide

CAS Registry Number: 4303-70-2
Molecular Formula: $C_{18}H_{35}NO$
Molecular Weight: 281.481
Accurate Mass: 281.271864
Percentage Composition: C 76.81%; H 12.53%; N 4.98%; O 5.68%
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 93-94°

>>Derivative: Nitrile
Synonym(s): Elaidonitrile. 1-Cyano-8-heptadecene

CAS Registry Number: 19491-41-9
Molecular Formula: $C_{18}H_{33}N$
Molecular Weight: 263.465
Accurate Mass: 263.261299
Percentage Composition: C 82.06%; H 12.62%; N 5.32%
Melting Point: Fp -1°
Boiling Point: Bp₁₆ 213°

>>Derivative: Anhydride

CAS Registry Number: 55726-25-5
Molecular Formula: $C_{36}H_{66}O_3$
Molecular Weight: 546.916
Accurate Mass: 546.501195
Percentage Composition: C 79.06%; H 12.16%; O 8.78%
Melting Point: Mp 51°
Sigma: E6127

>>Derivative: Epoxide

>>Variant: (Z)-form
Synonym(s): Oleic acid. Rapinic acid. Pamolyn 100. MYX 6121

CAS Registry Number: 112-80-1
Extra CAS Registry Numbers(s): 27104-13-8