CAS Registry Number: 7459-33-8
Molecular Formula: $C_{18}H_{31}ClO$
Molecular Weight: 298.895
Accurate Mass: 298.206342
Percentage Composition: C 72.33%; H 10.45%; Cl 11.86%; O 5.35%
Boiling Point: $Bp_{0.3}$ 148°

>>**Derivative:** Cyclohexylamide
Synonym(s): Clinolamide, INN**.** Linolexamide

CAS Registry Number: 25167-65-1
Molecular Formula: $C_{24}H_{43}NO$
Molecular Weight: 361.61
Accurate Mass: 361.334464
Percentage Composition: C 79.72%; H 11.99%; N 3.87%; O 4.42%
Use/Importance: Used in manuf. of paints, emulsifiers, vitamins. Antipruritic agent
Development Status: Never marketed
Melting Point: Mp 34-35°
Boiling Point: $Bp_{0.02}$ 180-181°
Calculated Log P Data: Log P 8.45 (uncertain value) (calc)

>>**Derivative:** Anhydride
Synonym(s): Linoleic anhydride

CAS Registry Number: 24909-68-0
Molecular Formula: $C_{36}H_{62}O_3$
Molecular Weight: 542.884
Accurate Mass: 542.469895
Percentage Composition: C 79.65%; H 11.51%; O 8.84%
Melting Point: Mp –4°. Fp –18°
Density: d_4^{23} 0.901
Refractive Index: n_D^{23} 1.4760
Aldrich: 28649-4
Sigma: L4628

>>**Derivative:** 9,10-Epoxide

>>**Derivative:** 12,13-Epoxide

>>**Derivative:** Dimer
Synonym(s): Dilinoleic acid

CAS Registry Number: 6144-28-1
Use/Importance: Monomer for polyamides and polyesters. Cross-linking agent for polymers, e.g. epoxy resins
Other Data: Consists predominantly of monocyclic species together with some bicyclic and tricyclic species

References: