



CAS Registry Number: 7459-33-8

Molecular Formula: C₁₈H₃₁ClO

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: C₂₄H₄₃NO

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: C₃₆H₆₂O₃

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: d₄²³ 0.901

Refractive Index: n_D²³ 1.4760

Aldrich: 28649-4

Sigma: L4628

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

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

>>**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: