



Molecular Formula: C₁₆H₃₁ClO
Molecular Weight: 274.873
Accurate Mass: 274.206342
Percentage Composition: C 69.91%; H 11.37%; Cl 12.90%; O 5.82%
Physical Description: Liq.
Melting Point: Mp 12°
Boiling Point: Bp₂₀ 199°
Aldrich: P7-8
Fluka: 76152
Sigma: P2385

>>Derivative: Amide

Synonym(s): Hexadecanamide, 9Cl. Palmitamide, 8Cl

CAS Registry Number: 629-54-9

Molecular Formula: C₁₆H₃₃NO
Molecular Weight: 255.443
Accurate Mass: 255.256214
Percentage Composition: C 75.23%; H 13.02%; N 5.48%; O 6.26%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 106-107°

Boiling Point: Bp₁₂ 235-236°

Rare Chemicals Library: S35043-5

>>Derivative: Nitrile

Synonym(s): Hexadecanonitrile. Palmitonitrile. 1-Cyanopentadecane

CAS Registry Number: 629-79-8

Molecular Formula: C₁₆H₃₁N

Molecular Weight: 237.428

Accurate Mass: 237.245649

Percentage Composition: C 80.94%; H 13.16%; N 5.90%

Melting Point: Mp 33°

Boiling Point: Bp 333°. Bp₁₀₀ 251°. Bp₁ 142°

>>Derivative: Anhydride

Synonym(s): Palmitic anhydride

CAS Registry Number: 623-65-4

Molecular Formula: C₃₂H₆₂O₃

Molecular Weight: 494.84

Accurate Mass: 494.469895

Percentage Composition: C 77.67%; H 12.63%; O 9.70%

Physical Description: Leaflets (EtOH or C₆H₆)

Melting Point: Mp 64°

Aldrich: 28650-8

Fluka: 76125

Sigma: P5771

References: