



Fluka: 85702
Sigma: S9924

>>Derivative: Anilide

CAS Registry Number: 637-54-7
Molecular Formula: $C_{24}H_{41}NO$
Molecular Weight: 359.594
Accurate Mass: 359.318814
Percentage Composition: C 80.16%; H 11.49%; N 3.90%; O 4.45%
Physical Description: Needles (EtOH)
Melting Point: Mp 97-98°

>>Derivative: Hydrazide

CAS Registry Number: 4130-54-5
Molecular Formula: $C_{18}H_{38}N_2O$
Molecular Weight: 298.511
Accurate Mass: 298.298413
Percentage Composition: C 72.43%; H 12.83%; N 9.38%; O 5.36%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 115-116°
Other: PB: S08800

>>Derivative: Nitrile

Synonym(s): Octadecanenitrile. Stearonitrile. 1-Cyanoheptadecane

CAS Registry Number: 638-65-3
Molecular Formula: $C_{18}H_{35}N$
Molecular Weight: 265.481
Accurate Mass: 265.276949
Percentage Composition: C 81.44%; H 13.29%; N 5.28%
Melting Point: Mp 41°
Boiling Point: Bp₁₀ 193°
Hazard & Toxicity: Eye irritant

Aldrich: 12258-0

>>Derivative: Anhydride

Synonym(s): Stearic anhydride

CAS Registry Number: 638-08-4

Molecular Formula: $C_{36}H_{70}O_3$
Molecular Weight: 550.947
Accurate Mass: 550.532495
Percentage Composition: C 78.48%; H 12.81%; O 8.71%
Use/Importance: Reagent for anal. detn. of alcohols and phenols
Physical Description: Cryst. (petrol)
Melting Point: Mp 70-72°
Aldrich: 28651-6
Fluka: 85710
Sigma: S5218

References: