



Molecular Formula: C₁₀H₁₉NO₃
Molecular Weight: 201.265
Accurate Mass: 201.136494
Percentage Composition: C 59.68%; H 9.51%; N 6.96%; O 23.85%
Melting Point: Mp 170°

>>Derivative: Diamide

CAS Registry Number: 1740-54-1
Molecular Formula: C₁₀H₂₀N₂O₂
Molecular Weight: 200.28
Accurate Mass: 200.152478
Percentage Composition: C 59.97%; H 10.06%; N 13.99%; O 15.98%
Melting Point: Mp 210°
Aldrich: 36011-2

>>Derivative: Amide-Me ester

CAS Registry Number: 53663-35-7
Molecular Formula: C₁₁H₂₁NO₃
Molecular Weight: 215.292
Accurate Mass: 215.152144
Percentage Composition: C 61.37%; H 9.83%; N 6.51%; O 22.29%
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 74.5-76°

>>Derivative: Monoanilide
Synonym(s): Sebacanic acid

Molecular Formula: C₁₆H₂₃NO₃
Molecular Weight: 277.363
Accurate Mass: 277.167794
Percentage Composition: C 69.29%; H 8.36%; N 5.05%; O 17.31%
Physical Description: Leaflets (H₂O)
Melting Point: Mp 121-122°

>>Derivative: Dianilide
Synonym(s): *N,N*-Diphenyldecanediamide, 9CI

CAS Registry Number: 6833-06-3
Molecular Formula: C₂₂H₂₈N₂O₂
Molecular Weight: 352.475
Accurate Mass: 352.215078
Percentage Composition: C 74.97%; H 8.01%; N 7.95%; O 9.08%
Melting Point: Mp 198°

>>Derivative: Dihydrazide

CAS Registry Number: 925-83-7
Molecular Formula: C₁₀H₂₂N₄O₂
Molecular Weight: 230.309
Accurate Mass: 230.174276
Percentage Composition: C 52.15%; H 9.63%; N 24.33%; O 13.89%
Melting Point: Mp 184-185°

>>Derivative: Mononitrile
Synonym(s): 9-Cyanononanoic acid. ω-Cyanopelargonic acid

CAS Registry Number: 5810-19-5
Molecular Formula: C₁₀H₁₇NO₂
Molecular Weight: 183.25
Accurate Mass: 183.125929
Percentage Composition: C 65.54%; H 9.35%; N 7.64%; O 17.46%
Melting Point: Mp 50-52°