



Accurate Mass: 454.40221
Percentage Composition: C 73.96%; H 11.97%; O 14.07%
Use/Importance: Lubricant. Plasticiser for PVC
Physical Description: Oil

>>**Derivative:** Dichloride

CAS Registry Number: 4834-98-4
Molecular Formula: $C_{12}H_{20}Cl_2O_2$
Molecular Weight: 267.194
Accurate Mass: 266.084034
Percentage Composition: C 53.94%; H 7.54%; Cl 26.54%; O 11.98%
Use/Importance: Monomer for the manuf. of polyesters and polyamides
Boiling Point: $Bp_{0.5}$ 140°
Refractive Index: n_D^{20} 1.4680
Aldrich: 30666-5

>>**Derivative:** Diamide

CAS Registry Number: 6224-99-3
Molecular Formula: $C_{12}H_{24}N_2O_2$
Molecular Weight: 228.334
Accurate Mass: 228.183778
Percentage Composition: C 63.12%; H 10.59%; N 12.27%; O 14.01%
Melting Point: Mp 189°

>>**Derivative:** Dihydrazide

CAS Registry Number: 4080-98-2
Molecular Formula: $C_{12}H_{26}N_4O_2$
Molecular Weight: 258.363
Accurate Mass: 258.205576
Percentage Composition: C 55.79%; H 10.14%; N 21.69%; O 12.39%
Use/Importance: Cross-linking agent for epoxy resins
Physical Description: Needles (MeOH)
Melting Point: Mp 190°
Other: PB D55993

>>**Derivative:** Mononitrile
Synonym(s): 11-Cyanoundecanoic acid

CAS Registry Number: 5810-18-4
Molecular Formula: $C_{12}H_{21}NO_2$
Molecular Weight: 211.303
Accurate Mass: 211.157229
Percentage Composition: C 68.21%; H 10.02%; N 6.63%; O 15.14%
Physical Description: Cryst. (CCl_4)
Melting Point: Mp 57°
Aldrich: 28086-0

>>**Derivative:** Dinitrile
Synonym(s): Dodecanedinitrile. 1,10-Dicyanodecane

CAS Registry Number: 4543-66-2
Molecular Formula: $C_{12}H_{20}N_2$
Molecular Weight: 192.303
Accurate Mass: 192.162648
Percentage Composition: C 74.95%; H 10.48%; N 14.57%
Melting Point: Mp 16°
Boiling Point: Bp_{17} 225°. Bp_8 195°

Rare Chemicals Library: S45399-4

References: