



Accurate Mass: 88.027278
Percentage Composition: C 27.28%; H 4.58%; N 31.81%; O 36.34%
Physical Description: Triclinic needles
Solubility: Spar. sol. EtOH, hot H₂O
Other Data: Dec. >320°
Hazard & Toxicity: Eye irritant. LD₅₀ (rat, orl) 447 mg/kg

Aldrich: O-932-8
Fluka: 75770

>>**Derivative:** Diamide, *N,N*-di-Me
Synonym(s): *N,N*-Dimethylethanediamide, 9Cl. *N,N*-Dimethyloxamide

CAS Registry Number: 600-39-5
Molecular Formula: C₄H₈N₂O₂
Molecular Weight: 116.119
Accurate Mass: 116.058578
Percentage Composition: C 41.37%; H 6.94%; N 24.12%; O 27.56%
Physical Description: Cryst. (EtOH/Me₂CO)
Melting Point: Mp 138°

>>**Derivative:** Bis(methylamide)
Synonym(s): *sym*-Dimethyloxamide

CAS Registry Number: 615-35-0
Molecular Formula: C₄H₈N₂O₂
Molecular Weight: 116.119
Accurate Mass: 116.058578
Percentage Composition: C 41.37%; H 6.94%; N 24.12%; O 27.56%
Physical Description: Leaflets or needles (H₂O)
Melting Point: Mp 217°
Solubility: Sol. hot H₂O; mod. sol. EtOH
Aldrich: D17305-3
Rare Chemicals Library: S45464-8

>>**Derivative:** Bis(dimethylamide)
Synonym(s): Tetramethyloxamide. Tetramethylethanediamide, 9Cl

CAS Registry Number: 1608-14-6
Molecular Formula: C₆H₁₂N₂O₂
Molecular Weight: 144.173
Accurate Mass: 144.089878
Percentage Composition: C 49.99%; H 8.39%; N 19.43%; O 22.19%
Physical Description: Needles (Et₂O)
Melting Point: Mp 78-79°
Rare Chemicals Library: S63291-0

>>**Derivative:** Bis(cyclohexylamide)
Synonym(s): *N,N'*-Dicyclohexylethanediamide, 9Cl. *N,N'*-Dicyclohexyloxamide

CAS Registry Number: 3299-64-7
Molecular Formula: C₁₄H₂₄N₂O₂
Molecular Weight: 252.356
Accurate Mass: 252.183778
Percentage Composition: C 66.63%; H 9.59%; N 11.10%; O 12.68%
Biological Source: Isol. from root wood of *Toddalia asiatica*
Physical Description: Prisms (CHCl₃/MeOH)
Melting Point: Mp 243-248°

>>**Derivative:** Amide-hydrazide
Synonym(s): Semioxamazide, 8Cl. Aminooxamide