



Molecular Weight: 197.277
Accurate Mass: 197.141579
Percentage Composition: C 66.97%; H 9.71%; N 7.10%; O 16.22%
Boiling Point: Bp₁₁ 165-166°

>>**Derivative:** Dinitrile

Synonym(s): Decanedinitrile. Sebaconitrile. 1,8-Dicyanooctane. Octamethylene dicyanide

CAS Registry Number: 1871-96-1
Molecular Formula: C₁₀H₁₆N₂
Molecular Weight: 164.25
Accurate Mass: 164.131348
Percentage Composition: C 73.13%; H 9.82%; N 17.06%
Boiling Point: Bp₁₅ 199-200°
Solubility: Insol. H₂O; sol. CHCl₃
Density: d²⁰ 0.931
Refractive Index: n_D²⁰ 1.4474

Aldrich: 27377-5
Fluka: 84871
Rare Chemicals Library: S56121-5

>>**Derivative:** Anhydride

Synonym(s): Oxacycloundecane-2,11-dione, 9CI

CAS Registry Number: 2561-88-8
Molecular Formula: C₁₀H₁₆O₃
Molecular Weight: 184.235
Accurate Mass: 184.109945
Percentage Composition: C 65.19%; H 8.75%; O 26.05%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 78-79°

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