



Melting Point: Mp 125-127°

>>**Derivative:** Diamide

Synonym(s): Suberamide

CAS Registry Number: 3891-73-4

Molecular Formula: C₈H₁₆N₂O₂

Molecular Weight: 172.227

Accurate Mass: 172.121178

Percentage Composition: C 55.79%; H 9.36%; N 16.27%; O 18.58%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 216-217°

>>**Derivative:** Monoanilide

Synonym(s): Suberanilic acid

CAS Registry Number: 149648-52-2

Molecular Formula: C₁₄H₁₉NO₃

Molecular Weight: 249.309

Accurate Mass: 249.136494

Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%

Physical Description: Solid

Melting Point: Mp 126-128°

>>**Derivative:** Me ester-anilide

Molecular Formula: C₁₅H₂₁NO₃

Molecular Weight: 263.336

Accurate Mass: 263.152144

Percentage Composition: C 68.42%; H 8.04%; N 5.32%; O 18.23%

Physical Description: Solid

Melting Point: Mp 64-65.5°

>>**Derivative:** Dianilide

Molecular Formula: C₂₀H₂₄N₂O₂

Molecular Weight: 324.422

Accurate Mass: 324.183778

Percentage Composition: C 74.05%; H 7.46%; N 8.63%; O 9.86%

Physical Description: Solid

Melting Point: Mp 185-186.5°

>>**Derivative:** Dinitrile

Synonym(s): Octanedinitrile. Suberonitrile. 1,6-Dicyanohexane

CAS Registry Number: 629-40-3

Molecular Formula: C₈H₁₂N₂

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Physical Description: Liq.

Melting Point: Mp -3.5°

Boiling Point: Bp_{0.1} 120°. Bp₁₁ 176-178°

Density: d²⁵ 0.954

Refractive Index: n_D²⁰ 1.4436

Aldrich: D7800-8

Fluka: 60980

>>**Derivative:** Anhydride

Synonym(s): Suberic anhydride. 2,9-Oxonanedione