



CAS Registry Number: 20488-38-4

Molecular Formula: C₈H₁₀N₂

Molecular Weight: 134.18

Accurate Mass: 134.084398

Percentage Composition: C 71.61%; H 7.51%; N 20.88%

Melting Point: Mp 57°

Boiling Point: Bp₂₀ 133-136°

>>Derivative: Phenylhydrazone (Z-)

CAS Registry Number: 27935-60-0

Molecular Formula: C₈H₁₀N₂

Molecular Weight: 134.18

Accurate Mass: 134.084398

Percentage Composition: C 71.61%; H 7.51%; N 20.88%

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 100°

Boiling Point: Bp₂₀ 236°

>>Derivative: 2,4-Dinitrophenylhydrazone (E-)

CAS Registry Number: 61947-85-1

Physical Description: Yellow plates (EtOH)

Melting Point: Mp 169° (163.5-164.5°)

>>Derivative: 2,4-Dinitrophenylhydrazone (Z-)

CAS Registry Number: 61947-84-0

Physical Description: Orange cryst.

Melting Point: Mp 147°

>>Derivative: Dimedone deriv.

Physical Description: Cryst. (EtOH)

Melting Point: Mp 141-142°

>>Derivative: Ammonia compd.

see 1-Aminoethanol, [DFZ17-S](#)

>>Derivative: Di-Me acetal

Synonym(s): 1,1-Dimethoxyethane, 9CI

CAS Registry Number: 534-15-6

Molecular Formula: C₄H₁₀O₂

Molecular Weight: 90.122

Accurate Mass: 90.06808

Percentage Composition: C 53.31%; H 11.18%; O 35.51%

Use/Importance: Synthetic reagent

Melting Point: Mp -113.2°

Boiling Point: Bp 64.5°

Solubility: Sol. H₂O, EtOH, Et₂O, Me₂CO, CHCl₃

Refractive Index: n_D²⁰ 1.3668

Hazard & Toxicity: Highly flammable, fl. p. 1°

Aldrich: W34260-2

Fluka: 120

>>Derivative: Di-Et acetal

see 1,1-Diethoxyethane, [DFR73-S](#)