



Melting Point: Mp 78 → dark red liq.°

>>**Derivative:** Iodide

CAS Registry Number: 68-05-3

Molecular Formula: C₈H₂₀IN

Molecular Weight: 257.157

Accurate Mass: 257.064047

Percentage Composition: C 37.37%; H 7.84%; I 49.35%; N 5.45%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 300 dec.°

Aldrich: 23593-8

Fluka: 86640

Rare Chemicals Library: S56649-7

>>**Derivative:** Hydroxide

CAS Registry Number: 77-98-5

Molecular Formula: C₈H₂₁NO

Molecular Weight: 147.26

Accurate Mass: 147.162314

Percentage Composition: C 65.25%; H 14.37%; N 9.51%; O 10.86%

Use/Importance: Strong base. Used, e.g., in acetylation of nucleosides. Used to derivatise barbiturates for gc anal.

Physical Description: Known only in soln. and in form of hydrates

Aldrich: 17780-6

Fluka: 86632

Sigma: T6393

>>**Derivative:** Hydroxide, tetrahydrate

Physical Description: Needles

Melting Point: Mp 49-50°

Solubility: V. sol. H₂O

>>**Derivative:** Hydroxide, hexahydrate

Melting Point: Mp 55°

>>**Derivative:** Perchlorate

CAS Registry Number: 2567-83-1

Molecular Formula: C₈H₂₀ClNO₄

Molecular Weight: 229.703

Accurate Mass: 229.108086

Percentage Composition: C 41.83%; H 8.78%; Cl 15.43%; N 6.10%; O 27.86%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 345 dec.°

Hazard & Toxicity: LD₅₀ (mus, ivn) 56 mg/kg

Fluka: 87746

Other: PB T03770

>>**Derivative:** Tetrafluoroborate

CAS Registry Number: 429-06-1

Molecular Formula: C₈H₂₀BF₄N

Molecular Weight: 217.057

Accurate Mass: 217.162491

Percentage Composition: C 44.27%; H 9.29%; B 4.98%; F 35.01%; N 6.45%

Physical Description: Hygroscopic

Aldrich: 24214-4

Fluka: 86618