



Aldrich: 21620-8
Fluka: 53840
Sigma: H6628

>>Derivative: Hydrobromide

CAS Registry Number: 13775-80-9
Molecular Formula: BrH₅N₂
Molecular Weight: 112.957
Accurate Mass: 111.983609
Percentage Composition: Br 70.74%; H 4.46%; N 24.80%
Melting Point: Mp 87-92°
Aldrich: 39444-0

>>Derivative: Hydrobromide (1:2)

CAS Registry Number: 23268-00-0
Extra CAS Registry Numbers(s): 40849-90-9
Physical Description: Cryst. + 2H₂O

>>Derivative: Sulfate
Synonym(s): NSC 150014

CAS Registry Number: 10034-93-2
Extra CAS Registry Numbers(s): 1184-66-3
Molecular Formula: H₆N₂O₄S
Molecular Weight: 130.124
Accurate Mass: 130.004828
Percentage Composition: H 4.65%; N 21.53%; O 49.18%; S 24.64%
Use/Importance: Commercially available
Physical Description: Colourless cryst.
Melting Point: Mp 254 dec.°
Solubility: Sl. sol. cold H₂O; sol. hot H₂O

Aldrich: 21604-6
Fluka: 53902
Sigma: H8379

>>Derivative: Nitrate (1:1)

CAS Registry Number: 13464-97-6
Extra CAS Registry Numbers(s): 37836-27-4
Molecular Formula: H₅N₃O₃
Molecular Weight: 95.058
Accurate Mass: 95.033092
Percentage Composition: H 5.30%; N 44.20%; O 50.49%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 70.5°
Hazard & Toxicity: Explosive

>>Derivative: Deutero compd.
Synonym(s): Hydrazine-*d*₄. Tetradeuterohydrazine. Perdeuterohydrazine

CAS Registry Number: 13762-95-3
Molecular Formula: D₄N₂
Molecular Weight: 36.07
Use/Importance: Commercially available
pKa Value: p*K*_a 9.1 (18°)

References: