



Molecular Formula: C₈H₁₂N₂
Molecular Weight: 136.196
Accurate Mass: 136.100048
Percentage Composition: C 70.55%; H 8.88%; N 20.57%
Boiling Point: Bp₃ 116-117°

>>Derivative: N^α,N^α-Di-Me

CAS Registry Number: 6406-74-2
Molecular Formula: C₉H₁₄N₂
Molecular Weight: 150.223
Accurate Mass: 150.115698
Percentage Composition: C 71.96%; H 9.39%; N 18.65%
Boiling Point: Bp₁₆ 133°

>>Derivative: N⁴,N⁴-Di-Me

CAS Registry Number: 19293-58-4
Molecular Formula: C₉H₁₄N₂
Molecular Weight: 150.223
Accurate Mass: 150.115698
Percentage Composition: C 71.96%; H 9.39%; N 18.65%
Melting Point: Mp 39-40°
Boiling Point: Bp₂₅ 158-159°. Bp_{1.25} 110-111°

>>Derivative: N⁴,N⁴-Di-Me; hydrochloride (1:2)

CAS Registry Number: 34403-52-6
Melting Point: Mp 220-224 dec.°

>>Derivative: N^α,N^α,N⁴,N⁴-Tetra-Me

CAS Registry Number: 51227-15-7
Molecular Formula: C₁₁H₁₈N₂
Molecular Weight: 178.277
Accurate Mass: 178.146998
Percentage Composition: C 74.11%; H 10.18%; N 15.71%
Boiling Point: Bp₁₅ 135°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 611A, (nmr)
Kornblum, N. *et al.*, *J.A.C.S.*, 1949, **71**, 2137, (synth)
Bloor, J.E. *et al.*, *Tetrahedron*, 1964, **20**, 861, (uv)