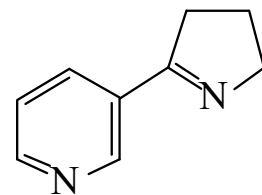




>>Entry Name: Myosmine

Synonym(s): 3-(3,4-Dihydro-2H-pyrrol-5-yl)pyridine, 9Cl. 3-(1-Pyrrolin-2-yl)pyridine, 8Cl. 2-(3-Pyridyl)-1-pyrroline



CAS Registry Number: 532-12-7

Molecular Formula: C₉H₁₀N₂

Molecular Weight: 146.191

Accurate Mass: 146.084398

Percentage Composition: C 73.94%; H 6.89%; N 19.16%

Biological Source: Alkaloid from *Nicotiana* spp. Found in tobacco smoke (Solanaceae). Present in hazelnuts and peanuts

Melting Point: Mp 40.5-42°

Boiling Point: Bp_{0.1} 55-60°

pKa Value: pK_a 5.26 (24°)

Hazard & Toxicity: LD₅₀ (rat, orl) 1875 mg/kg

Sigma: M8765

>>Derivative: Dipicrate

Melting Point: Mp 184-185°

>>Derivative: Dipicrolonate

Melting Point: Mp 213°

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