



>>Entry Name: 2-Amino-4-methylpyridine

Synonym(s): 2-Amino- γ -picoline. 4-Methyl-2-pyridinamine, 9Cl. W 45

CAS Registry Number: 695-34-1

Molecular Formula: $C_6H_8N_2$

Molecular Weight: 108.143

Accurate Mass: 108.068748

Percentage Composition: C 66.64%; H 7.46%; N 25.90%

Biological Source: Alkaloid from *Acacia rigidula*

Biological Use/Importance: Analgesic, cardiac stimulant

Physical Description: Leaflets (petrol)

Melting Point: Mp 98°

Boiling Point: Bp 200-250°

pKa Value: pK_a 7.38

Other Data: Sublimes. Component of Ascensil

Hazard & Toxicity: LD₅₀ (rat, orl) 200 mg/kg

Aldrich: 12308-0

Fluka: 8630

Sigma: A5273

>>Derivative: Hydrochloride

CAS Registry Number: 2403-84-1

Physical Description: Prisms (EtOH)

Melting Point: Mp 176-177°

>>Derivative: Camphorsulfonate

Synonym(s): Piricardio. Varunax

CAS Registry Number: 12261-97-1

>>Derivative: *N*-Ac

Molecular Formula: $C_8H_{10}N_2O$

Molecular Weight: 150.18

Accurate Mass: 150.079313

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

Physical Description: Prisms (C_6H_6)

Melting Point: Mp 102-103° (75-76°)