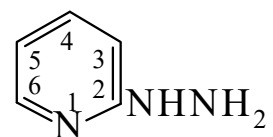




>>Entry Name: 2-Hydrazinopyridine

ENTRY UNDER REVIEW

Synonym(s): 2-Pyridylhydrazine



CAS Registry Number: 4930-98-7

Molecular Formula: $C_5H_7N_3$

Molecular Weight: 109.13

Accurate Mass: 109.063997

Percentage Composition: C 55.03%; H 6.47%; N 38.50%

Physical Description: Cryst. powder

Melting Point: Mp 46-47°

Boiling Point: Bp₁₄₀ 185°. Bp₂₅ 145°

Other Data: Dec. rapidly in air

Aldrich: H1708-2

Fluka: 53895

Sigma: H6636

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 62437-99-4

Physical Description: Cryst. (EtOH/HCl)

Melting Point: Mp 214-215°

Aldrich: H1710-4

>>Derivative: Picrate

Physical Description: Slender needles (EtOH)

Melting Point: Mp 160-161 dec.°

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **3**, 285B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 761C, (*ir*)

Fargher, R.G. *et al.*, *J.C.S.*, 1915, 688, (*synth*)

Alhaider, A.A. *et al.*, *J. Med. Chem.*, 1985, **28**, 1394, (*synth*)