



>>Entry Name: 4-Pyridinecarboximidamide, 9CI

Synonym(s): Isonicotinamidine

CAS Registry Number: 33278-46-5

Related CAS Registry Numbers(s): 42518-06-9 61875-64-7

Molecular Formula: $C_6H_7N_3$

Molecular Weight: 121.141

Accurate Mass: 121.063997

Percentage Composition: C 59.49%; H 5.82%; N 34.69%

>>Derivative: Hydrochloride

CAS Registry Number: 6345-27-3

Physical Description: Cryst. + $\frac{1}{2}H_2O$

Melting Point: Mp 102-104° (anhydr.). Mp 246-248°

>>Derivative: *N,N*-Di-Et, benzenesulfonate

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 177°

>>Derivative: *N,N*-Di-Et, picrate

Physical Description: Cryst. (H₂O)

Melting Point: Mp 188.5-189°

References:

Delaby, F. *et al.*, *Bull. Soc. Chim. Fr.*, 1957, 714, (*synth*)

Poziomek, E.J., *J.O.C.*, 1963, **28**, 590, (*synth*)

Zoltobrocki, M. *et al.*, *Biochemistry*, 1974, **13**, 899, (*synth*)

Medwid, J.B. *et al.*, *J. Med. Chem.*, 1990, **33**, 1230, (*synth*)