



>>Entry Name: 3-Pyridinecarboximidamide, 9Cl

Synonym(s): Nicotinamidine, 8Cl

CAS Registry Number: 23255-20-1

Molecular Formula: C₆H₇N₃

Molecular Weight: 121.141

Accurate Mass: 121.063997

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

Physical Description: Yellow oil

>>Derivative: Hydrochloride

CAS Registry Number: 7356-60-7

Physical Description: Cryst.

Melting Point: Mp 192-194° (190°)

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 63265-42-9

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 194°

>>Derivative: Benzenesulfonate

Physical Description: Cryst. (EtOH)

Melting Point: Mp 183°

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

Physical Description: Oil

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

Physical Description: Hygroscopic cryst. (Me₂CO)

Melting Point: Mp 123°

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

Physical Description: Cryst. (H₂O)

Melting Point: Mp 183°

References:

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

Schaefer, F.C. *et al.*, *J.O.C.*, 1961, **26**, 413, (*synth*)

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