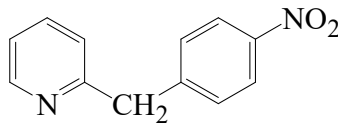




>>Entry Name: 2-(4-Nitrobenzyl)pyridine

Synonym(s): 2-[(4-Nitrophenyl)methyl]pyridine, 9CI



CAS Registry Number: 620-87-1

Molecular Formula: C₁₂H₁₀N₂O₂

Molecular Weight: 214.223

Accurate Mass: 214.074228

Percentage Composition: C 67.28%; H 4.70%; N 13.08%; O 14.94%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 81° (75-77°)

Rare Chemicals Library: S87669-0

>>Derivative: Hydrochloride

CAS Registry Number: 35305-81-8

Physical Description: Cryst.

Melting Point: Mp 190°

>>Derivative: Picrate

Physical Description: Yellow prisms (EtOH)

Melting Point: Mp 192° (185-187°)

>>Derivative: N-Oxide

CAS Registry Number: 20482-09-1

Molecular Formula: C₁₂H₁₀N₂O₃

Molecular Weight: 230.223

Accurate Mass: 230.069143

Percentage Composition: C 62.61%; H 4.38%; N 12.17%; O 20.85%

Physical Description: Needles (EtOH)

Melting Point: Mp 166.5-167°

References:

Tschitschibabin, A.E. *et al.*, *Ber.*, 1925, **58**, 1580, (*synth*)

Bryans, F. *et al.*, *J.C.S.*, 1929, 549, (*synth*)

Nunn, A.J. *et al.*, *J.C.S.*, 1952, 583, (*synth, uv*)

Hands, A.R. *et al.*, *J.C.S.*, 1958, 1754; 2202, (*synth, oxide*)