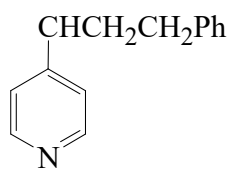




>>Entry Name: 4-(3-Phenylpropyl)pyridine, 9CI

Synonym(s): 1-Phenyl-3-(4-pyridinyl)propane



CAS Registry Number: 2057-49-0

Molecular Formula: C₁₄H₁₅N

Molecular Weight: 197.279

Accurate Mass: 197.120449

Percentage Composition: C 85.24%; H 7.66%; N 7.10%

Physical Description: Liq.

Boiling Point: Bp 322°. Bp₂ 155°

Density: d 1.03

Refractive Index: n_D²² 1.5604

UV: [neutral] λ_{max} 221 (ε 3200); 257 (ε 3250) (EtOH)

Aldrich: 12123-1

Rare Chemicals Library: S44993-8

>>Derivative: Hydrochloride

Physical Description: Hygroscopic cryst. (EtOH/Et₂O)

Melting Point: Mp 143.5°

>>Derivative: Picrate

Melting Point: Mp 114-114.5°

References:

Bergstrom, F.W. *et al.*, *J.O.C.*, 1945, **10**, 452, (*synth*)

Prasad, K.B. *et al.*, *J.C.S.(C)*, 1969, 2134, (*synth, props*)

Pines, H. *et al.*, *J.O.C.*, 1969, **34**, 2113, (*synth, pmr, glc*)

Schwarz, H. *et al.*, *J. Het. Chem.*, 1975, **12**, 633, (*ms, pmr*)