



>>Entry Name: 3-(2-Phenylethyl)pyridine, 9Cl

Synonym(s): Phenyl-3-pyridylethane

CAS Registry Number: 6312-09-0

Molecular Formula: C₁₃H₁₃N

Molecular Weight: 183.252

Accurate Mass: 183.104799

Percentage Composition: C 85.21%; H 7.15%; N 7.64%

Use/Importance: Has herbicidal and antihistaminic props.

Boiling Point: Bp₁ 120-128°

>>Derivative: Picrate

Physical Description: Yellow prisms (Me₂CO)

Melting Point: Mp 150-152°

>>Derivative: 1-Oxide

CAS Registry Number: 14578-22-4

Molecular Formula: C₁₃H₁₃NO

Molecular Weight: 199.252

Accurate Mass: 199.099714

Percentage Composition: C 78.36%; H 6.58%; N 7.03%; O 8.03%

Melting Point: Mp 82-89°

References:

Miller, A.D. *et al.*, *J.A.C.S.*, 1956, **78**, 674, (*synth*)

Avramoff, M. *et al.*, *J.A.C.S.*, 1956, **78**, 4090

U.S. Pat., 1968, 3 366 635; *CA*, **69**, 10372, (*use*)

Vaculic, P. *et al.*, *CA*, 1972, **77**, 15609, (*use*)