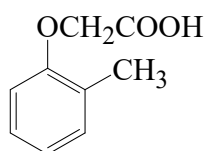




>>Entry Name: 2-Methylphenoxyacetic acid, 9CI



CAS Registry Number: 1878-49-5

Molecular Formula: C₉H₁₀O₃

Molecular Weight: 166.176

Accurate Mass: 166.062995

Percentage Composition: C 65.05%; H 6.07%; O 28.88%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 155-157°

Aldrich: 34970-4

Rare Chemicals Library: S39135-2

>>Derivative: Et ester

CAS Registry Number: 93917-68-1

Molecular Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

Accurate Mass: 194.094295

Percentage Composition: C 68.02%; H 7.26%; O 24.71%

Boiling Point: Bp 119-120°

Density: d 1.07

Refractive Index: n_D²⁰ 1.5030

Aldrich: 34974-7

References:

Ibrahim, E. *et al.*, *Pharmazie*, 1974, **29**, 581, (*synth*)

Boucard, M. *et al.*, *Trav. Soc. Pharm. Montpellier*, 1974, **34**, 121; *CA*, **82**, 25653w, (*tox*)

Junghans, P. *et al.*, *Z. Chem.*, 1975, **15**, 153, (*pmr, cmr*)

Bandgar, B.P. *et al.*, *Indian J. Chem., Sect. B*, 1986, **25**, 421, (*Et ester, synth*)