



>>Entry Name: 4-Methyl-2-thiophenecarboxylic acid, 9CI

CAS Registry Number: 14282-78-1

Molecular Formula: C₆H₆O₂S

Molecular Weight: 142.178

Accurate Mass: 142.00885

Percentage Composition: C 50.69%; H 4.25%; O 22.51%; S 22.55%

Melting Point: Mp 120-121°

pKa Value: pK_{a1} 3.59 (25°)

References:

Blanchette, J.A. *et al.*, *J.A.C.S.*, 1952, **74**, 1848, (*synth*)

Ramanathan, V. *et al.*, *J.O.C.*, 1962, **27**, 1667, (*synth*)

Stibor, I. *et al.*, *Coll. Czech. Chem. Comm.*, 1977, **42**, 2167, (*cmr*)