



>>Entry Name: 4-(4-Nitrophenyl)butanoic acid

Synonym(s): 4-Nitrobenzenebutanoic acid, 9CI

CAS Registry Number: 5600-62-4

Molecular Formula: $C_{10}H_{11}NO_4$

Molecular Weight: 209.201

Accurate Mass: 209.068809

Percentage Composition: C 57.41%; H 5.30%; N 6.70%; O 30.59%

Physical Description: Plates (C_6H_6)

Melting Point: Mp 92-93°

Aldrich: N2050-6

Fluka: 73619

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 1023C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 163D, (*ir*)

Van der Scheer, J., *J.A.C.S.*, 1934, **56**, 744, (*synth*)

Fieser, L.F. *et al.*, *J.A.C.S.*, 1948, **70**, 3197, (*synth*)

Reppe, W. *et al.*, *Annalen*, 1955, **596**, 158, (*synth*)

Howe, I. *et al.*, *J.C.S.(B)*, 1969, 439