



>>Entry Name: **3-(3-Nitrophenyl)propanoic acid**

Synonym(s): 3-Nitrobenzenepropanoic acid, 9Cl. 3-(*m*-Nitrophenyl)propionic acid, 8Cl. *m*-Nitrohydrocinnamic acid

CAS Registry Number: 1664-57-9

Molecular Formula: C₉H₉NO₄

Molecular Weight: 195.174

Accurate Mass: 195.053159

Percentage Composition: C 55.39%; H 4.65%; N 7.18%; O 32.79%

Physical Description: Yellow needles (H₂O)

Melting Point: Mp 117-118°

pKa Value: pK_{a1} 4.53 (25°)

References:

Gabriel, S. *et al.*, *Ber.*, 1882, **15**, 842

Strawn, L.M. *et al.*, *J. Med. Chem.*, 1989, **32**, 2104, (*synth*)

Weichert, J.P. *et al.*, *J. Med. Chem.*, 1995, **38**, 636, (*synth*)