



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

Synonym(s): 4-Aminobenzenebutanoic acid, 9CI. 4-(*p*-Aminophenyl)butyric acid

CAS Registry Number: 15118-60-2

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Use/Importance: Has considerable toxic effect on seedling growth

Physical Description: Plates (H₂O)

Melting Point: Mp 130-131°

Aldrich: 33533-9

>>Derivative: Me ester

CAS Registry Number: 20637-09-6

Molecular Formula: C₁₁H₁₅NO₂

Molecular Weight: 193.245

Accurate Mass: 193.110279

Percentage Composition: C 68.37%; H 7.82%; N 7.25%; O 16.56%

Physical Description: Needles

Melting Point: Mp 42°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1022C, (*nmr*)

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

Reppe, W. *et al.*, *Annalen*, 1955, **596**, 25, (*synth*)

Moffett, L.R. *et al.*, *J.O.C.*, 1960, **25**, 1238, (*synth*)

Scarpati, R. *et al.*, *Gazz. Chim. Ital.*, 1967, **97**, 654, (*synth*)