



>>Entry Name: 4-(2-Aminoethyl)benzoic acid, 9CI

Synonym(s): 2-(4-Carboxyphenyl)ethylamine

CAS Registry Number: 1199-69-5

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Melting Point: Mp 176-177°

>>Derivative: Hydrochloride

CAS Registry Number: 60531-36-4

Use/Importance: Probiotic, antistaphylococcal

>>Derivative: Me ester

CAS Registry Number: 77265-67-9

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%

Physical Description: Yellow needles

Melting Point: Mp 178°

>>Derivative: Me ester; hydrochloride

CAS Registry Number: 56161-89-8

Melting Point: Mp 208-211°

>>Derivative: Et ester

CAS Registry Number: 77266-69-4

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%

Use/Importance: Bright-yellow needles

Melting Point: Mp 112°

>>Derivative: Et ester; hydrochloride

CAS Registry Number: 64353-34-0

Melting Point: Mp 178°

References:

- Slotta, K.H. *et al.*, *Ber.*, 1938, **71**, 59, (*synth*)
Blicke, F.F. *et al.*, *J.A.C.S.*, 1943, **65**, 2281, (*synth*)
Lockemann, G. *et al.*, *Ber.*, 1947, **80**, 479, (*synth*)
Goetchius, G.R. *et al.*, *Proc. Soc. Exp. Biol. Med.*, 1947, **64**, 255, (*use*)
Fujii, A. *et al.*, *J. Pharm. Sci.*, 1977, **66**, 844, (*use*)
Wright, S.W. *et al.*, *Org. Prep. Proced. Int.*, 2000, **32**, 376-379, (*Me ester*)