



>>Entry Name: **3-(4-Aminophenyl)propanoic acid**

Synonym(s): 4-Aminobenzenepropanoic acid, 9CI. 3-(*p*-Aminophenyl)propionic acid, 8CI

CAS Registry Number: 2393-17-1

Molecular Formula: $C_9H_{11}NO_2$

Molecular Weight: 165.191

Accurate Mass: 165.078979

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

Physical Description: Leaflets or prisms (H_2O)

Melting Point: Mp 132°

Rare Chemicals Library: S16504-2

>>Derivative: Et ester

CAS Registry Number: 7116-44-1

Molecular Formula: $C_{11}H_{15}NO_2$

Molecular Weight: 193.245

Accurate Mass: 193.110279

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

Physical Description: Cryst. (EtOH)

Melting Point: Mp 34°

>>Derivative: *N*-Ac

CAS Registry Number: 6325-43-5

Molecular Formula: $C_{11}H_{13}NO_3$

Molecular Weight: 207.229

Accurate Mass: 207.089544

Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%

Physical Description: Cryst. (AcOH aq.)

Melting Point: Mp 124°. Mp 143° (anhyd.)

References:

Stöhr, C., *Annalen*, 1884, **225**, 57

Shoppee, C.W., *J.C.S.*, 1930, 968