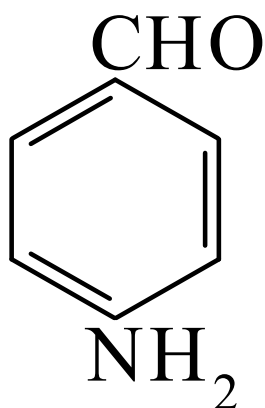




>>Entry Name: 4-Aminobenzaldehyde, 9CI



CAS Registry Number: 556-18-3

Molecular Formula: C₇H₇NO

Molecular Weight: 121.138

Accurate Mass: 121.052764

Percentage Composition: C 69.41%; H 5.82%; N 11.56%; O 13.21%

Physical Description: Leaflets

Melting Point: Mp 71°

pKa Value: pK_a 2

Other Data: Polymerises readily under acidic conditions; the linear polymer is commercially available

Hazard & Toxicity: LD₅₀ (mus, ipr) 912 mg/kg

>>Derivative: Oxime

CAS Registry Number: 3419-18-9

Molecular Formula: C₇H₈N₂O

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Yellow cryst.

Melting Point: Mp 124°

>>Derivative: Hydrazone

CAS Registry Number: 88237-23-4

Molecular Formula: C₇H₉N₃

Molecular Weight: 135.168

Accurate Mass: 135.079647

Percentage Composition: C 62.20%; H 6.71%; N 31.09%

Melting Point: Mp 232°