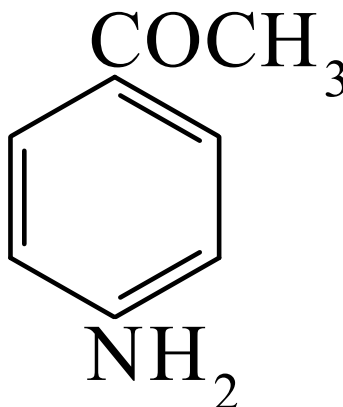




>>Entry Name: 4'-Aminoacetophenone, 8Cl
Synonym(s): 1-(4-Aminophenyl)ethanone, 9Cl



CAS Registry Number: 99-92-3

Molecular Formula: C₈H₉NO

Molecular Weight: 135.165

Accurate Mass: 135.068414

Percentage Composition: C 71.09%; H 6.71%; N 10.36%; O 11.84%

Use/Importance: Reagent for Meerwein reactions. Used in photometric detn. of Ce, Pd

Physical Description: Cryst. (H₂O)

Melting Point: Mp 106°

Boiling Point: Bp 293-295°

Solubility: Sol. hot acids, EtOH, C₆H₆; insol. H₂O

Hazard & Toxicity: LD₅₀ (mus, orl) 596 mg/kg

Aldrich: A3800-2

Fluka: 6640

Sigma: A1037

>>Derivative: Oxime

CAS Registry Number: 38063-81-9

Molecular Formula: C₈H₁₀N₂O

Molecular Weight: 150.18

Accurate Mass: 150.079313

Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%

Physical Description: Needles (EtOH)

Melting Point: Mp 147-148°