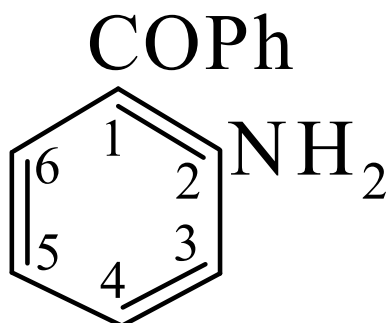




>>Entry Name: 2-Aminobenzophenone, 8Cl

Synonym(s): (2-Aminophenyl)phenylmethanone, 9Cl. *o*-Aminodiphenyl ketone. 2-Benzoylaniline



CAS Registry Number: 2835-77-0

Molecular Formula: C₁₃H₁₁NO

Molecular Weight: 197.236

Accurate Mass: 197.084064

Percentage Composition: C 79.17%; H 5.62%; N 7.10%; O 8.11%

Use/Importance: Used as CHCl₃ soln. for extraction-photometric detn. of Pd ($\lambda_{\max}$ 475 nm, CHCl₃/benzyl alcohol)

Physical Description: Pale-yellow cryst. (EtOH)

Melting Point: Mp 110°

Solubility: Sol. CHCl₃, isopentanol, Et₂O; sl. sol. EtOH

Aldrich: A4120-8

Fluka: 7020

>>Derivative: Hydrochloride

CAS Registry Number: 40318-20-5

Physical Description: Needles

Melting Point: Mp 192-193 dec.°