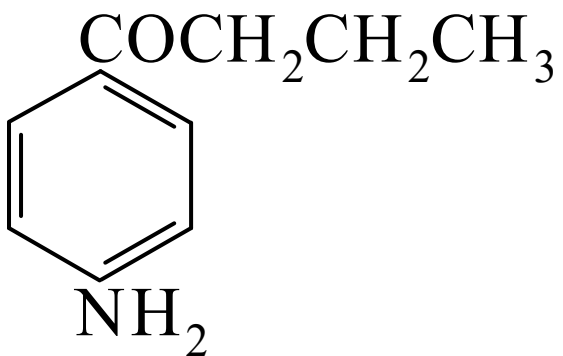




>>Entry Name: 1-(4-Aminophenyl)butanone, 8CI

Synonym(s): 4'-Aminobutyrophenone



CAS Registry Number: 1688-71-7

Molecular Formula: C₁₀H₁₃NO

Molecular Weight: 163.219

Accurate Mass: 163.099714

Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%

Use/Importance: Investigated as a radioprotective agent

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 95-97°

Other: Oakwood 2497

References:

Clifford, D.R. *et al.*, *J.C.S.*, 1960, 5097

Elad, D. *et al.*, *J.O.C.*, 1965, **30**, 3252

Baum, E.J. *et al.*, *J.A.C.S.*, 1966, **88**, 2652, (*pmr*, *epr*, *uv*)