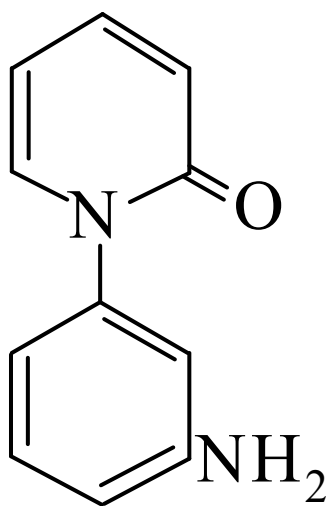




>>Entry Name: 1-(3-Aminophenyl)-2(1*H*)-pyridinone, 9CI

Synonym(s): Amphenidone, INN. Dornwal



CAS Registry Number: 134-37-2

Molecular Formula: C₁₁H₁₀N₂O

Molecular Weight: 186.213

Accurate Mass: 186.079313

Percentage Composition: C 70.95%; H 5.41%; N 15.04%; O 8.59%

Use/Importance: Central depressant

Development Status: Never marketed

Melting Point: Mp 182.5-184.5°

Calculated Log P Data: Log P 1.43 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 1300 mg/kg. LD₅₀ (mus, ipr) 600 mg/kg

References:

Plekss, O.J. *et al.*, *Fed. Proc.*, 1960, **19**, 390, (tox)

U.S. Pat., 1960, *Wallace and Tiernan*, 2 947 755; *CA*, **55**, 11439f, (synth, pharmacol)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, ALY250