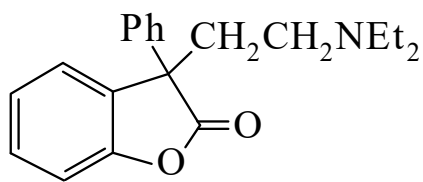




>>Entry Name: Amolanone, INN

Synonym(s): 3-[2-(Diethylamino)ethyl]-3-phenyl-2(3*H*)-benzofuranone, 9Cl. Amethone. AP 43



CAS Registry Number: 76-65-3

Molecular Formula: C₂₀H₂₃NO₂

Molecular Weight: 309.407

Accurate Mass: 309.172879

Percentage Composition: C 77.64%; H 7.49%; N 4.53%; O 10.34%

Use/Importance: Local anaesthetic

Development Status: Never marketed

Calculated Log P Data: Log P 3.68 (uncertain value) (calc)

>>Variant: (±)-form

Molecular Formula: C₂₀H₂₃NO₂

Molecular Weight: 309.407

Accurate Mass: 309.172879

Percentage Composition: C 77.64%; H 7.49%; N 4.53%; O 10.34%

Melting Point: Mp 43-44°

Boiling Point: Bp₂ 192-194°

Refractive Index: n_D^{24.5} 1.5614

>>Derivative: Hydrochloride

CAS Registry Number: 6009-67-2

Melting Point: Mp 152-153°

Hazard & Toxicity: LD₅₀ (mus, orl) 660 mg/kg. LD₅₀ (mus, ipr) 205 mg/kg

References:

Weston, A.W. *et al.*, *J.A.C.S.*, 1952, **74**, 653, (*synth, pharmacol*)

Fike, W.W., *Anal. Chem.*, 1966, **38**, 1697, (*tlc*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DIF200