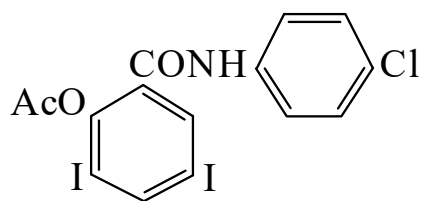




>>Entry Name: Clioquinide, BAN, INN, USAN

Synonym(s): 2-(Acetyloxy)-N-(4-chlorophenyl)-3,5-diiodobenzamide, 9Cl. 4'-Chloro-3,5-diiodosalicylanilide acetate, 8Cl. Tremerad. CI 633. CN 59567. SYD 230



CAS Registry Number: 14437-41-3

Molecular Formula: $C_{15}H_{10}ClI_2NO_3$

Molecular Weight: 541.511

Accurate Mass: 540.843867

Percentage Composition: C 33.27%; H 1.86%; Cl 6.55%; I 46.87%; N 2.59%; O 8.86%

Use/Importance: Vet. anthelmintic

Physical Description: Needles (Me₂CO)

Melting Point: Mp 215-216°

Calculated Log P Data: Log P 5.12 (calc)

Hazard & Toxicity: LD₅₀ (mus, ipr) 720 mg/kg

References:

Campbell, A. *et al.*, *Experientia*, 1967, **23**, 992, (*synth, pharmacol*)

Presidente, P.J.A. *et al.*, *Am. J. Vet. Res.*, 1972, **33**, 1593, (*pharmacol*)

Douch, P.G.C., *Xenobiotica*, 1979, **9**, 263, (*metab*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 40

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 9th edn., Van Nostrand Reinhold, 1996, CGB250