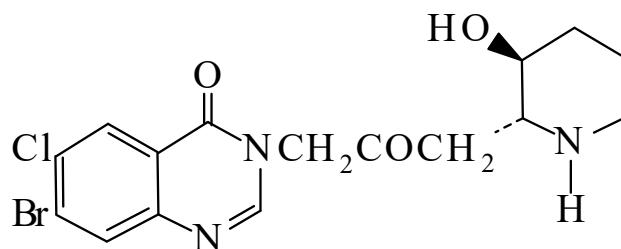




>>Entry Name: Halofuginone, BAN, INN

Synonym(s): 7-Bromo-6-chloro-3-[3-(3-hydroxy-2-piperidiny)-2-oxopropyl]-4(3*H*)-quinazolinone, 9Cl



CAS Registry Number: 55837-20-2

Molecular Formula: C₁₆H₁₇BrClN₃O₃

Molecular Weight: 414.685

Accurate Mass: 413.03418

Percentage Composition: C 46.34%; H 4.13%; Br 19.27%; Cl 8.55%; N 10.13%; O 11.57%

Use/Importance: Veterinary antiprotozoal agent. Poultry feed additive for prevention of coccidiosis

Calculated Log P Data: Log P 0.99 (calc)

Other Data: USA coccidiostat market share 5-10% in 1995-6

>>Derivative: Hydrobromide

Synonym(s): Halofuginone hydrobromide, USAN. Stenorol. RU 19110

CAS Registry Number: 64924-67-0

Physical Description: Cryst.

Melting Point: Mp 247 dec.°

References:

U.S. Pat., 1967, 3 320 124; *CA*, **68**, 39647, (*synth, pharmacol*)

Ger. Pat., 1977, 2 703 652; *CA*, **87**, 184543e, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 514

Beier, R.C. *et al.*, *J. Agric. Food Chem.*, 1998, **46**, 1049-1054, (*anal*)