

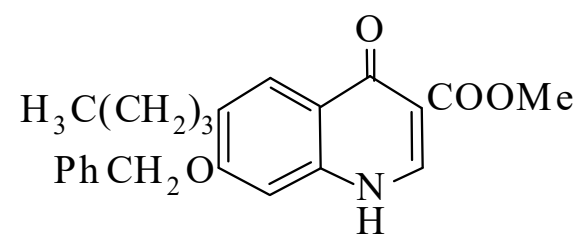


>>Entry Name: Nequinate, INN, USAN

ENTRY UNDER REVIEW

Synonym(s): Methyl 6-butyl-1,4-dihydro-4-oxo-7-(phenylmethoxy)-3-quinolinecarboxylate, 9Cl. Methyl 7-(benzyloxy)-6-butyl-1,4-dihydro-4-oxo-3-quinolinecarboxylate, 8Cl.

Methyl benzoquate, BAN. Statyl. AY 20385



CAS Registry Number: 13997-19-8

Molecular Formula: C₂₂H₂₃NO₄

Molecular Weight: 365.428

Accurate Mass: 365.162709

Percentage Composition: C 72.31%; H 6.34%; N 3.83%; O 17.51%

Use/Importance: Antiprotozoan; used as a coccidiostat for poultry and rabbits

Melting Point: Mp 287-288°

Calculated Log P Data: Log P 4.55 (uncertain value) (calc)

References:

Bowie, R.A. *et al.*, *Nature (London)*, 1967, **214**, 1349, (*pharmacol*)

Lewis, R.J., *Food Additives Handbook*, Van Nostrand Reinhold International, New York, 1989, NCN600

Martindale, *The Extra Pharmacopoeia*, 30th edn., *Pharmaceutical Press*, 1993, 516

Martindale, *The Extra Pharmacopoeia*, 32nd edn., *Pharmaceutical Press*, 1999, 584