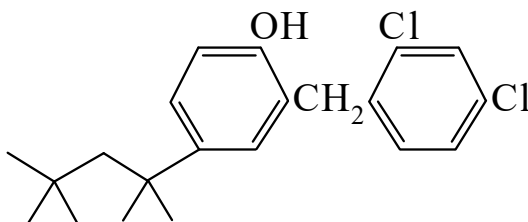




>>Entry Name: Clofoctol, INN

Synonym(s): 2-[(2,4-Dichlorophenyl)methyl]-4-(1,1,3,3-tetramethylbutyl)phenol, 9Cl. α -(2,4-Dichlorophenyl)-4-(1,1,3,3-tetramethylbutyl)-*o*-cresol. Gramplus. Octofene



CAS Registry Number: 37693-01-9

Related CAS Registry Numbers(s): 125131-92-2

Molecular Formula: C₂₁H₂₆Cl₂O

Molecular Weight: 365.341

Accurate Mass: 364.136069

Percentage Composition: C 69.04%; H 7.17%; Cl 19.41%; O 4.38%

Use/Importance: Bacteriostatic agent effective against gram-positive bacteria

Physical Description: Cryst. (petrol)

Melting Point: Mp 78°

Calculated Log P Data: Log P 8.65 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) >4000 mg/kg

Sigma: C2290

References:

Ger. Pat., 1972, *IRC-EBA*, 2 140 765; *CA*, **77**, 61556x, (*synth, pharmacol, tox*)

Neuman, M., *Drugs of Today (Barcelona)*, 1979, **15**, 171, (*rev*)

Simonnet, F. *et al.*, *J. Pharmacol.*, 1979, **10**, 303, (*pharmacol, tox*)

Busgo, A., *Drugs Exp. Clin. Res.*, 1984, **10**, 321, (*props*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 152