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**20 General References**

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**21 Author**

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**22 Date of Revision**

4 May 2017.



# Chlorocresol

**1 Nonproprietary Names**

BP: Chlorocresol

PhEur: Chlorocresol

USP–NF: Chlorocresol

**2 Synonyms**

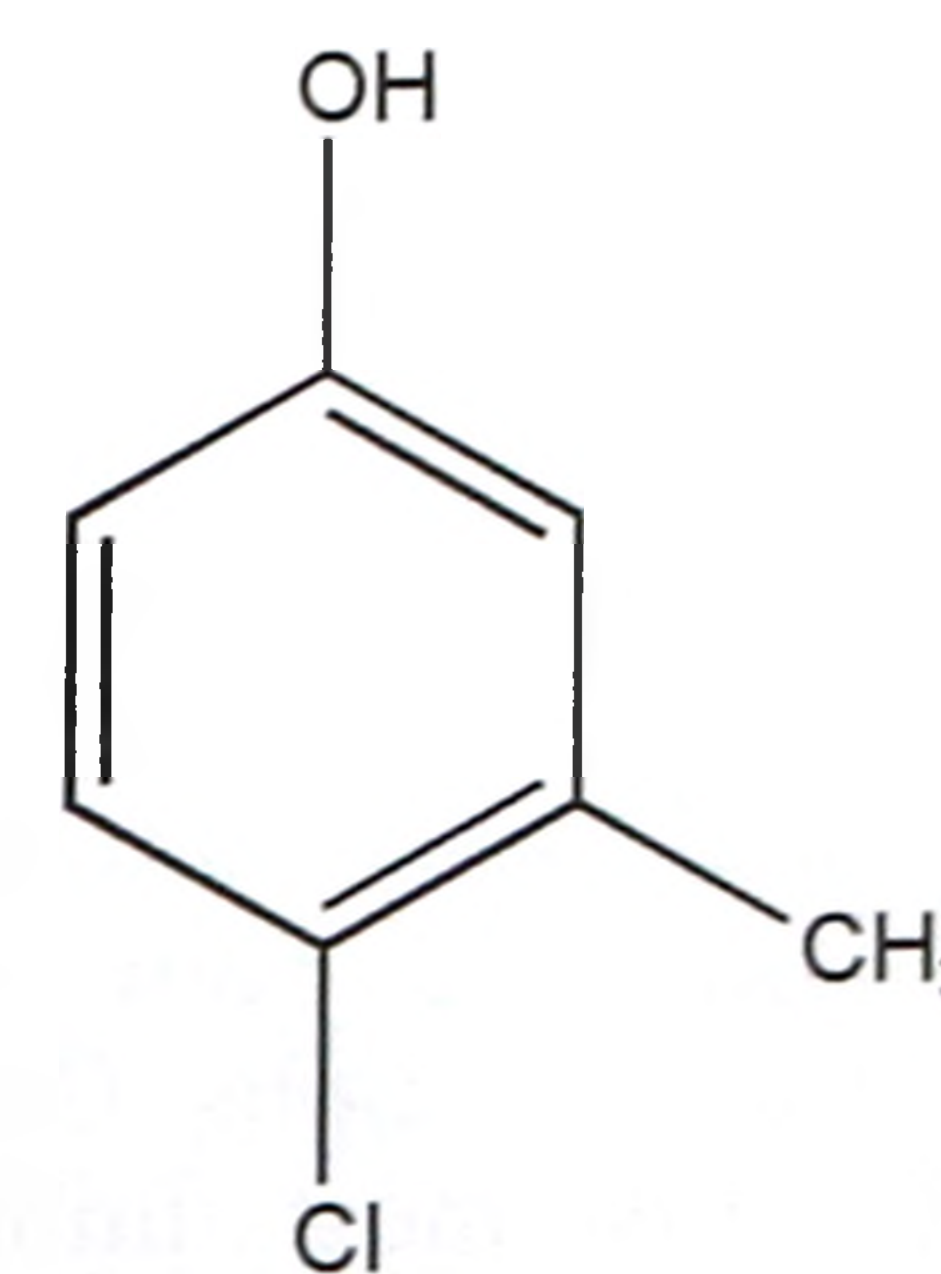
*Aptal*; *Baktol*; 4-chloro-*m*-cresol; *p*-chloro-*m*-cresol; chlorocresolum; 1-chloro-4-hydroxy-2-methylbenzene; 2-chloro-5-hydroxytoluene; 6-chloro-3-hydroxytoluene; 4-chloro-3-methylphenol; 3-methyl-4-chlorophenol; *Nipacide PC*; parachlorometacresol; PCMC.

**3 Chemical Name and CAS Registry Number**

4-Chloro-3-methylphenol [59-50-7]

**4 Empirical Formula and Molecular Weight**

C<sub>7</sub>H<sub>7</sub>ClO 142.58

**5 Structural Formula****6 Functional Category**

Antimicrobial preservative.

**7 Applications in Pharmaceutical Formulation or Technology**

Chlorocresol is used as an antimicrobial preservative in cosmetics and pharmaceutical formulations. It is generally used in concentrations up to 0.2% in a variety of preparations except those intended for oral administration or that contact mucous membrane. Chlorocresol is effective against bacteria, spores, molds, and yeasts; it is most active in acidic media. Preservative efficacy may be reduced in the presence of some other excipients, particularly nonionic surfactants; see Sections 10 and 12.