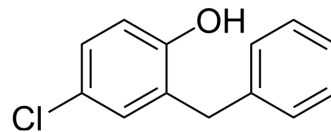


Clorofene

Cat. No.:	HY-118547
CAS No.:	120-32-1
Molecular Formula:	C ₁₃ H ₁₁ ClO
Molecular Weight:	218.68
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Clorofene (2-Benzyl-4-chlorophenol) is an aryl halide fungicide widely used in hospitals and homes as a broad-spectrum fungicide in general cleaning and disinfection disinfectant solutions and in soap formulations. Clorofene has antibacterial and carcinogenic activity^{[1][2]}.

REFERENCES

[1]. National Toxicology Program. NTP Toxicology and Carcinogenesis Studies of o-Benzyl-p-Chlorophenol (CAS No. 120-32-1) in F344/N Rats and B6C3F1 Mice (Gavage Studies). Natl Toxicol Program Tech Rep Ser. 1994 Jan;424:1-304.

[2]. Moore SL, et al. Identification, library synthesis and anti-vibriosis activity of 2-benzyl-4-chlorophenol from cultures of the marine bacterium *Shewanella halifaxensis*. Bioorg Med Chem Lett. 2016 Jul 1;26(13):3086-3088.

Caution: Product has not been fully validated for medical applications. For research use only.

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