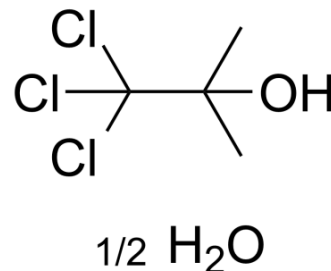


Chlorobutanol hemihydrate

Cat. No.:	HY-W089856
CAS No.:	6001-64-5
Molecular Formula:	C ₄ H ₇ Cl ₃ O _{1.5} H ₂ O
Molecular Weight:	186.46
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chlorobutanol hemihydrate is a pharmaceutical preservative with sedative-hypnotic actions. Chlorobutanol hemihydrate is active against a wide variety of Gram-positive and Gram-negative bacteria, and several mold spores and fungi. Chlorobutanol hemihydrate is widely used in food and cosmetic industry^{[1][2]}.

REFERENCES

- [1]. Smoak IW, et al. Chlorobutanol: maternal serum levels and placental transfer in the mouse. *Vet Hum Toxicol.* 1997 Oct;39(5):287-90.
- [2]. Friesen WT, et al. The antibacterial stability of chlorobutanol stored in polyethylene bottles. *Am J Hosp Pharm.* 1971 Jul;28(7):507-12.

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

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