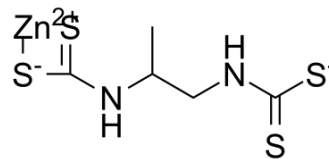


Propineb

Cat. No.:	HY-119630
CAS No.:	12071-83-9
Molecular Formula:	C ₅ H ₈ N ₂ S ₄ Zn
Molecular Weight:	289.77
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Propineb (Zinc propylenebis) is a compound widely used in fruit and vegetables cultures, due to its large spectrum of activity against fungal plant diseases ^[1] .
In Vivo	Propineb (Zinc propylenebis) has a moderate to low acute toxicity with a specific goitrogenic effect in rats. long-term exposure, oral or by inhalation is related to carcinogenicity, teratogenicity, malfunction of the reproductive system and malformation of their vitals ^[2] .

REFERENCES

- [1]. Viviani B, et al. Dithiocarbamate propineb induces acetylcholine release through cytoskeletal actin depolymerization in PC12 cells. *Toxicol Lett.* 2008 Nov 10;182(1-3):63-8.
- [2]. Kazos EA, et al. Determination of dithiocarbamate fungicide propineb and its main metabolite propylenethiourea in airborne samples. *Chemosphere.* 2007 Aug;68(11):2104-10.

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

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