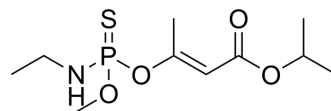


Propetamphos

Cat. No.:	HY-119525
CAS No.:	31218-83-4
Molecular Formula:	C ₁₀ H ₂₀ NO ₄ PS
Molecular Weight:	281.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Propetamphos is an organophosphorus insecticide. Propetamphos causes cytotoxicity and oxidative stress ^{[1][2]} .
In Vivo	Propolis (100 mg/kg/day; po; 28 days) exhibit antiradical and antioxidant effect in Wistar Albino rats induced by Propetamphos ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Kanbur M, et al. Antioxidant effect of propolis against exposure to propetamphos in rats. *Ecotoxicol Environ Saf.* 2009 Mar;72(3):909-15.
- [2]. Cetin E, et al. Propetamphos-induced changes in haematological and biochemical parameters of female rats: protective role of propolis. *Food Chem Toxicol.* 2010 Jul;48(7):1806-10.

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

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