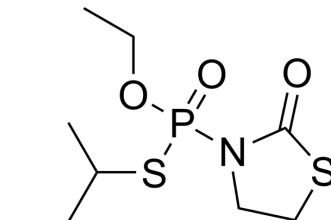


Fosthiazate

Cat. No.:	HY-W020785
CAS No.:	98886-44-3
Molecular Formula:	C ₉ H ₁₈ NO ₃ PS ₂
Molecular Weight:	283.35
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fosthiazate is a broad-spectrum nematicide against various plant parasitic nematodes, including *Meloidogyne* spp., *Globodera* spp., and *Pratylenchus* spp., through inhibiting the synthesis of acetylcholinesterase^[1].

REFERENCES

[1]. Lianshan Liet al. Chiral organophosphorous pesticide fosthiazate: absolute configuration, stereoselective bioactivity, toxicity, and degradation in vegetables. *J Agric Food Chem.* 2020 Jul 22;68(29):7609-7616.

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

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