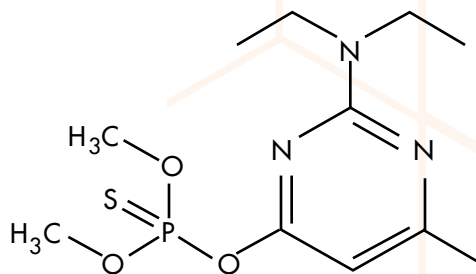


PIRIMIPHOS AND ITS METABOLITES

Pirimiphos-Methyl

Pirimiphos-methyl is a phosphorothioate (any compound formally derived from a phosphate by replacing one or more oxygen atoms with sulfur) used as an insecticide. It was originally developed by Imperial Chemical Industries Ltd., now Syngenta, in 1967. This is used for the control of insects and mites on food crops and flowers/ornamentals. It is also used on stored grain products.

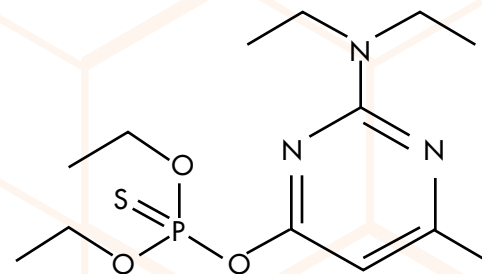


Pirimiphos-Methyl



Pirimiphos-Ethyl

Pirimiphos-ethyl is similar to pirimiphos-methyl. The difference is that the methyl groups on the oxygen atoms are replaced by ethyl groups. Pirimiphos-ethyl is an insecticide used for control of Diptera and Coleoptera soil pests and other foliar pests on fruit, field crops, ornamentals, turf, vegetables, etc. First introduced by ICI Plant Protection Division.

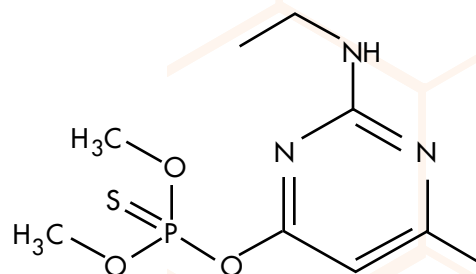


Pirimiphos-Ethyl

Metabolites

Pirimiphos-Methyl-N-desethyl

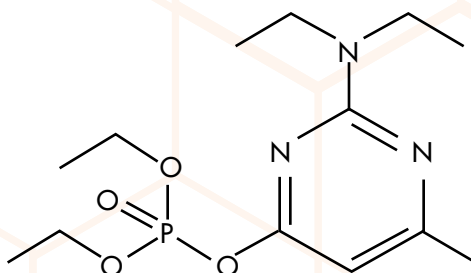
An organophosphorus metabolite of Pirimiphos-methyl used in environmental and food contamination studies.



Pirimiphos-Methyl-N-desethyl

Pirimiphos-Ethyl-Oxon

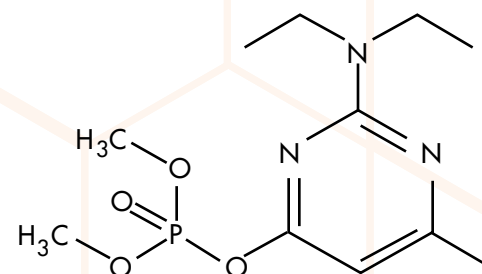
Pirimiphos-ethyl-oxon is an organophosphorus metabolite of Pirimiphos-ethyl used as a contaminant standard in the food and environmental industries.



Pirimiphos-Ethyl-Oxon

Pirimiphos-Methyl-Oxon

Pirimiphos-methyl-oxon is an organophosphorus oxidative metabolite of Pirimiphos-methyl used as a contaminant standard in the food and environmental industries.



Pirimiphos-Methyl-Oxon

Product Name	Formula	Uses	CAS #	Catalog #
Pirimiphos-Methyl	C ₁₁ H ₂₀ N ₃ O ₃ PS	Insecticide, Acaricide	29232-93-7	N-13064-250MG
Pirimiphos-Ethyl	C ₁₃ H ₂₄ N ₃ O ₃ PS	Insecticide	23505-41-1	N-13063-250MG
Pirimiphos-Methyl-N-desethyl	C ₉ H ₁₆ N ₃ O ₃ PS	Pesticide Metabolite	67018-59-1	MET-13064D-100MG
Pirimiphos-Ethyl-Oxon	C ₁₃ H ₂₄ N ₃ O ₄ P	Pesticide Metabolite	36378-61-7	MET-13063A-250MG
Pirimiphos-Methyl-Oxon	C ₁₁ H ₂₀ N ₃ O ₄ P	Pesticide Metabolite	64709-45-1	MET-13064B-250MG
Pirimiphos-Methyl Solution	C ₁₁ H ₂₀ N ₃ O ₃ PS	Insecticide, Acaricide	29232-93-7	S-13064A1-1ML
Pirimiphos-Methyl Solution	C ₁₁ H ₂₀ N ₃ O ₃ PS	Insecticide, Acaricide	29232-93-7	S-13064U1-1ML
Pirimiphos-Ethyl Solution	C ₁₃ H ₂₄ N ₃ O ₃ PS	Insecticide	23505-41-1	S-13063U1-1ML

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