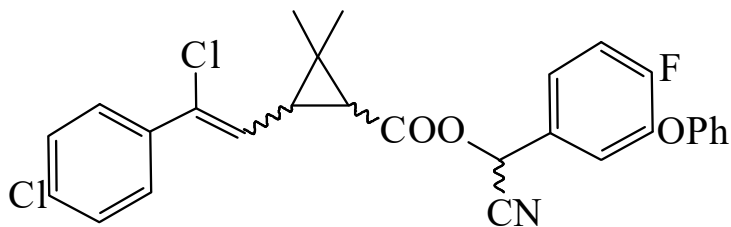




>>Entry Name: Flumethrin, BAN

Synonym(s): Cyano[4-(fluoro-3-phenoxyphenyl)]methyl 3-[2-chloro-2-(4-chlorophenyl)ethenyl]-2,2-dimethylcyclopropanecarboxylate, 9Cl. α -Cyano-4-fluoro-3-phenoxybenzyl-3-(β ,4-dichlorostyryl)-2,2-dimethylcyclopropane carboxylate. Bay VI 6045. Bayticol. Bayvarol



CAS Registry Number: 69770-45-2

Related CAS Registry Numbers(s): 115224-65-2 115224-66-3 115224-67-4 115224-68-5 137330-26-8 137330-27-9

Molecular Formula: C₂₈H₂₂Cl₂FNO₃

Molecular Weight: 510.39

Accurate Mass: 509.096076

Percentage Composition: C 65.89%; H 4.34%; Cl 13.89%; F 3.72%; N 2.74%; O 9.40%

Use/Importance: Insecticide, ectoparasiticide. Now superseded

Physical Description: Oil

Calculated Log P Data: Log P 7.94 (uncertain value) (calc)

Other Data: The coml. prod. consists of approx. equal amts. of the two *trans* racemates having diastereoisomeric configs. at the CN groups. Separation has been achieved by complexation. Only the (1*R*,3*S*, α *S*)-stereoisomer is biol. active

References:

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