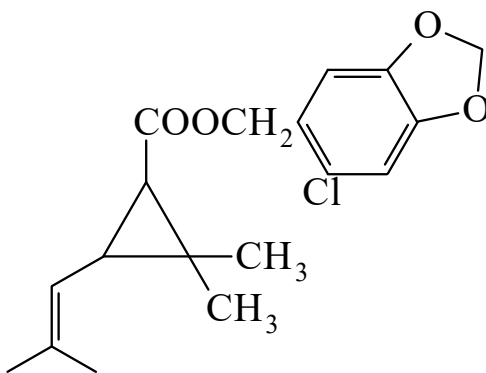




>>Entry Name: Barthrin

Synonym(s): (6-Chloro-1,3-benzodioxol-5-yl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate, 9Cl. 6-Chloropiperonyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate, 8Cl. 6-Chloropiperonyl chrysanthemumate



CAS Registry Number: 70-43-9

Related CAS Registry Numbers(s): 5145-61-9 24876-37-7 40642-48-6

Molecular Formula: C₁₈H₂₁ClO₄

Molecular Weight: 336.814

Accurate Mass: 336.112837

Percentage Composition: C 64.19%; H 6.28%; Cl 10.53%; O 19.00%

Use/Importance: Insecticide

Boiling Point: Bp_{0.7} 184-206°

Refractive Index: n_D²⁵ 1.5378

References:

Barthel, W.F. *et al.*, *J.O.C.*, 1958, **23**, 1012, (*synth*)

Ambrose, A.M. *et al.*, *Toxicol. Appl. Pharmacol.*, 1963, **5**, 414, (*tox*)

Cantu, E. *et al.*, *J. Econ. Entomol.*, 1972, **65**, 615, (*activity*)

Adams, M.E. *et al.*, *Pestic. Biochem. Physiol.*, 1980, **13**, 137, (*activity*)