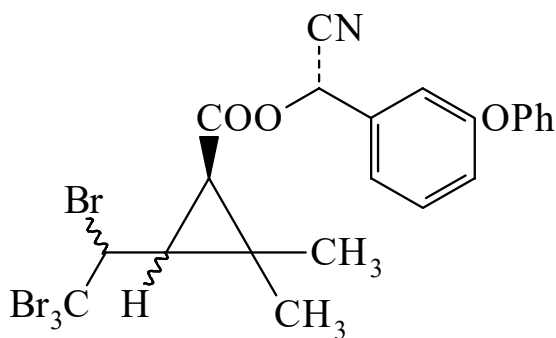




>>Entry Name: Tralomethrin, ANSI, BSI

Synonym(s): Cyano(3-phenoxyphenyl)methyl 2,2-dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate, 9Cl. α -Cyano-3-phenoxybenzyl 2,2-dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate. Scout. Tralate. Tracker. Saga



CAS Registry Number: 66841-25-6

Related CAS Registry Numbers(s): 66818-66-4 66841-22-3 68198-89-0 68198-90-3 78184-93-7 78184-94-8

Molecular Formula: C₂₂H₁₉Br₄NO₃

Molecular Weight: 665.013

Accurate Mass: 660.889838

Percentage Composition: C 39.73%; H 2.88%; Br 48.06%; N 2.11%; O 7.22%

Use/Importance: Pyrethroid insecticide

Physical Description: Orange-yellow resinous solid

Other Data: Conts. 4 chiral centres. The coml. prod. appears to be a mixt. of 2 isomers

Hazard & Toxicity: LD₅₀ (rat, orl) 100-3000 mg/kg. Occup. exposure to pyrethroids can cause paresthesia and respiratory irritation

References:

Ger. Pat., 1978, 2 805 226; *CA*, **89**, 197165z, (*synth, activity*)

Ruzo, L.O. *et al.*, *Pestic. Biochem. Physiol.*, 1981, **15**, 137, (*metab*)

U.S. Pat., 1981, 4 279 835; *CA*, **96**, 6246p, (*synth, activity*)

Irving, S.N. *et al.*, *J. Agric. Food Chem.*, 1984, **32**, 111, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 11790