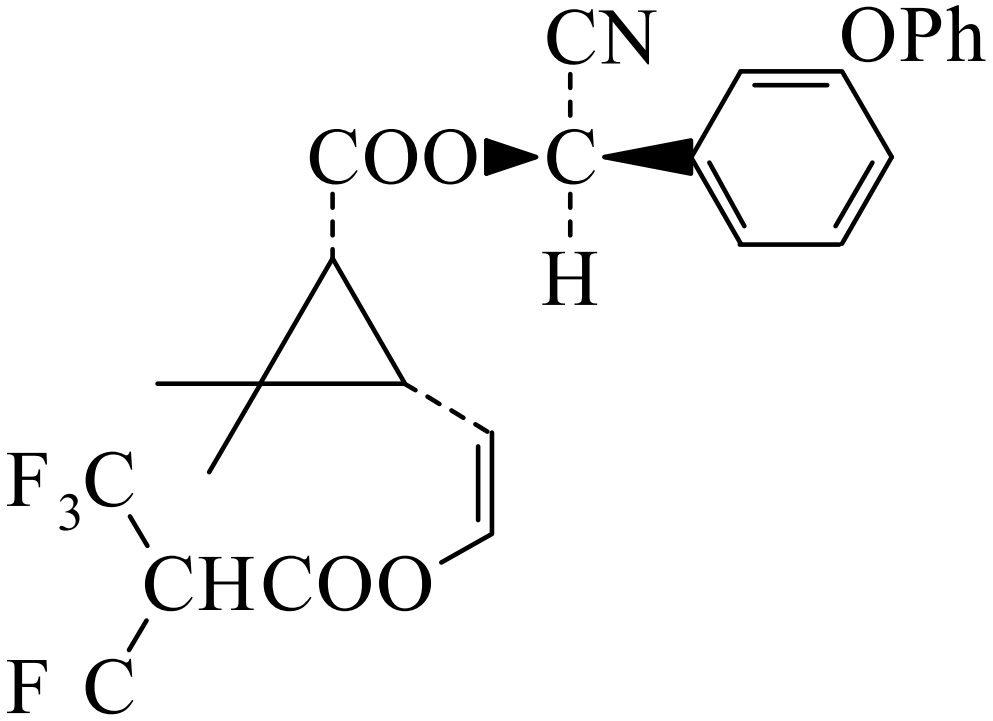
>>**Entry Name: Acrynathrin**

Synonym(s): Cyano(3-phenoxyphenyl)methyl 2,2-dimethyl-3-[3-oxo-3-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-1-propenyl]cyclopropanecarboxylate, 9Cl. α-Cyano-3-phenoxybenzyl 2,2-dimethyl-3-[2-(2,2,2-trifluoro-1-trifluoromethylethoxycarbonyl)vinyl]cyclopropanecarboxylate. Acrinathrin. Rufast. RU 38702



CAS Registry Number: 101007-06-1

Related CAS Registry Numbers(s): 103833-18-7 114128-58-4 114128-73-3

Molecular Formula: $C_{26}H_{21}F_6NO_5$

Molecular Weight: 541.446

Accurate Mass: 541.132392

Percentage Composition: C 57.68%; H 3.91%; F 21.05%; N 2.59%; O 14.77%

Use/Importance: Pyrethroid insecticide

Physical Description: Cryst.

Melting Point: Mp 82°

Optical Rotation: $[\alpha]_D^{20}$+17.5 (c, 0.4 in toluene)

Hazard & Toxicity: LD_{50} (rat, orl) >5000 mg/kg

References: