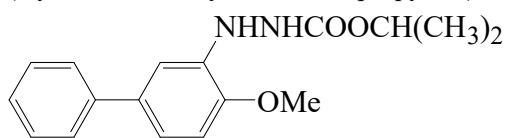




>>Entry Name: Bifenazate, ANSI

Synonym(s): 1-Methylethyl 2-(4-methoxy-[1,1'-biphenyl]-3-yl)hydrazinecarboxylate, 9Cl. Isopropyl 2-(4-methoxy-3-biphenyl)hydrazinecarboxylate. D 2341. NC 1111



CAS Registry Number: 149877-41-8

Molecular Formula: C₁₇H₂₀N₂O₃

Molecular Weight: 300.357

Accurate Mass: 300.147393

Percentage Composition: C 67.98%; H 6.71%; N 9.33%; O 15.98%

Biological Use/Importance: Nonsystemic acaricide

Physical Description: Cryst.

Melting Point: Mp 120-124°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

Other: Uniroyal

References:

Pat. Coop. Treaty (WIPO), 1993, *Uniroyal*, 93 10 083; *CA*, **119**, 159896u, (D2341, synth, activity)

Dekeyser, M.A. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1996, 487-492, (D2341, synth, activity)

Pesticide Manual, 12th edn., 2000, No. 193