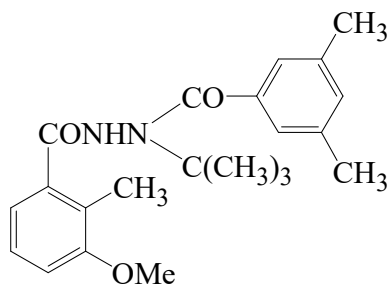




>>Entry Name: Methoxyfenozide, ANSI, BSI

Synonym(s): 3-Methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide, 9CI. *N-tert-Butyl-N'-(3-methoxy-*o*-toluoyl)-3,5-xylohydrazide*. Intrepid. Runner. RH 112485. RH 2485



CAS Registry Number: 161050-58-4

Molecular Formula: C₂₂H₂₈N₂O₃

Molecular Weight: 368.475

Accurate Mass: 368.209993

Percentage Composition: C 71.71%; H 7.66%; N 7.60%; O 13.03%

Biological Use/Importance: Ecdysone agonist. Insecticide

Physical Description: Powder

Melting Point: Mp 204-205°

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

Other: Rohm and Haas

References:

Eur. Pat., 1995, *Rohm and Haas*, 639 559; *CA*, **122**, 290462d, (*synth*)

Le, D.P. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1996, 481-486, (*activity*)

Pesticide Manual, 12th edn., 2000, No. 518