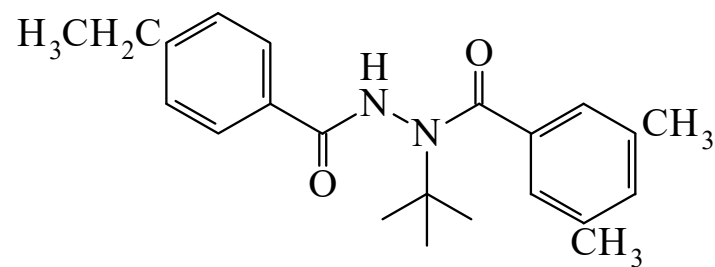




>>Entry Name: Tebufenozide, ANSI, BSI

Synonym(s): 3,5-Dimethylbenzoic acid 1-(1,1-dimethylethyl)-2-(4-ethylbenzoyl)hydrazide, 9Cl. RH 5992. Mimic



CAS Registry Number: 112410-23-8

Molecular Formula: $C_{22}H_{28}N_2O_2$

Molecular Weight: 352.475

Accurate Mass: 352.215078

Percentage Composition: C 74.97%; H 8.01%; N 7.95%; O 9.08%

Use/Importance: Insecticide. Insect growth regulator. Highly specific ecdysone agonist in larval Lepidoptera

Physical Description: Cryst. (Et₂O/MeOH)

Melting Point: Mp 181°

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

References:

U.K. Pat., 1990, 2 231 268; *CA*, **114**, 180361x, (*synth, activity*)

Perrior, T.R., *Chem. Ind. (London)*, 1993, 883, (*rev*)

Pesticide Manual, 10th edn., 1994, No. 652