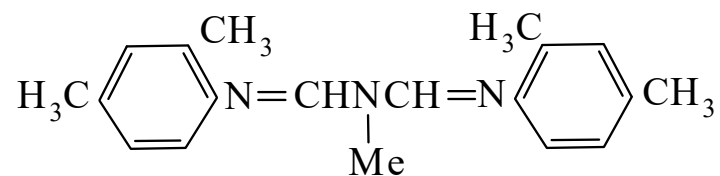




>>**Entry Name:** Amitraz, ANSI, BAN, BSI, INN, ISO, JMAF, USAN

Synonym(s): *N*-(2,4-Dimethylphenyl)-*N*-[[[(2,4-dimethylphenyl)imino]methyl]-*N*-methylmethanimidamide, 9Cl. *N*-Methyl-*N*'-2,4-xylyl-*N*-(*N*-2,4-xylylformimidoyl)formamidine, 8Cl. Ectodex. Mitac. Mitaban. Tactic. U 36059. Triatix. Triatox. BTS 27419. Triazid. Azaform. Edrizar. Varamit



CAS Registry Number: 33089-61-1

Molecular Formula: C₁₉H₂₃N₃

Molecular Weight: 293.411

Accurate Mass: 293.189197

Percentage Composition: C 77.78%; H 7.90%; N 14.32%

Use/Importance: α -Adrenoceptor agonist, inhibits release of insulin from β -cells. Vet. acaricide, scabicide. Locust neuronal octopamine receptor agonist (*Locusta migratoria*)

Physical Description: Cryst.

Melting Point: Mp 86-88°

pKa Value: pK_a 4.2 (basic)

Calculated Log P Data: Log P 5.5 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 400 mg/kg. Exp. neurotoxic and reprod. effects

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