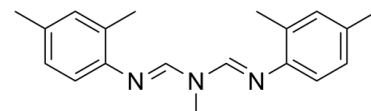


Data Sheet

Product Name:	Amitraz
Cat. No.:	CS-4710
CAS No.:	33089-61-1
Molecular Formula:	C ₁₉ H ₂₃ N ₃
Molecular Weight:	293.41
Target:	Adrenergic Receptor; Monoamine Oxidase; Parasite
Pathway:	Anti-infection; GPCR/G Protein; Neuronal Signaling
Solubility:	H ₂ O : < 0.1 mg/mL (insoluble); DMSO : 50 mg/mL (170.41 mM); Need ultrasonic)



BIOLOGICAL ACTIVITY:

Amitraz is a non-systemic acaricide and insecticide, with alpha-adrenergic agonist activity, interaction with octopamine receptors of the central nervous system and inhibition of monoamine oxidases and prostaglandin synthesis.

CAIndexNames:

Methanimidamide, N'-(2,4-dimethylphenyl)-N-[[[(2,4-dimethylphenyl)imino]methyl]-N-methyl-

SMILES:

CN/C=N/C1=CC=C(C)C=C1C)/C=N/C2=CC=C(C)C=C2C

Caution: Product has not been fully validated for medical applications. For research use only.

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