

## Product Data Sheet

Product Name: Amitraz (BTS-27419)

Cat. No.: GC33983

### Chemical Properties

Cas. No. 33089-61-1

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

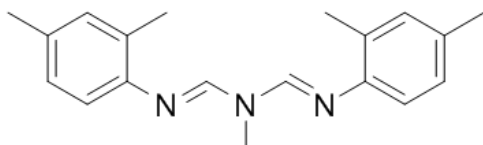
Formula  $C_{19}H_{23}N_3$  M.Wt 293.41

Solubility DMSO : 50 mg/mL (170.41 mM); Water : < 0.1 mg/mL (insoluble) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

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.

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

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