

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

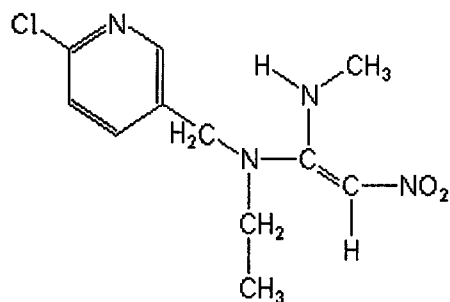
### Analyte: Nitenpyram

CAS No.: 150824-47-8

Formula: C<sub>11</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 270,09 amu

Structure:



Ionisation: ESI +

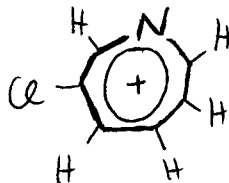
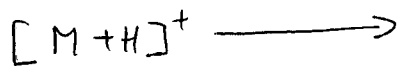
Quasimolecular ion: 271,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

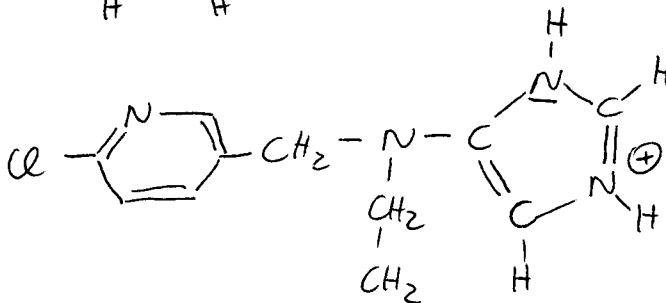
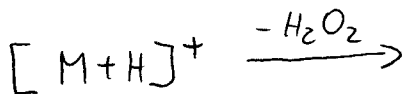
Transition	271,1 → 126,1	271,1 → 237,2
Declustering potential (DP) <sup>*)</sup>	39V	39 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	12 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	39 V	25 V
Collision cell exit potential (CXP)	6 V	12 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



m/z 126/128



m/z 237/239

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Printing Date: Tuesday, February 15, 2005

Acq. Time: 13:50  
Acq. Date: Tuesday, February 15, 2005  
Acq. File: MT20050215135003.wiff

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Batch Name: ManualTune.bat

