

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

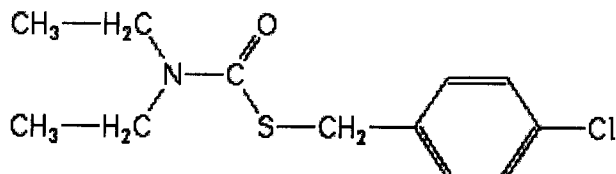
### Analyte: Thiobencarb

CAS No.: 28249-77-6

Formula: C<sub>12</sub>H<sub>16</sub>ClNOS

Molecular mass (lowest isotopes): 257,06 amu

Structure:



Ionisation: ESI +

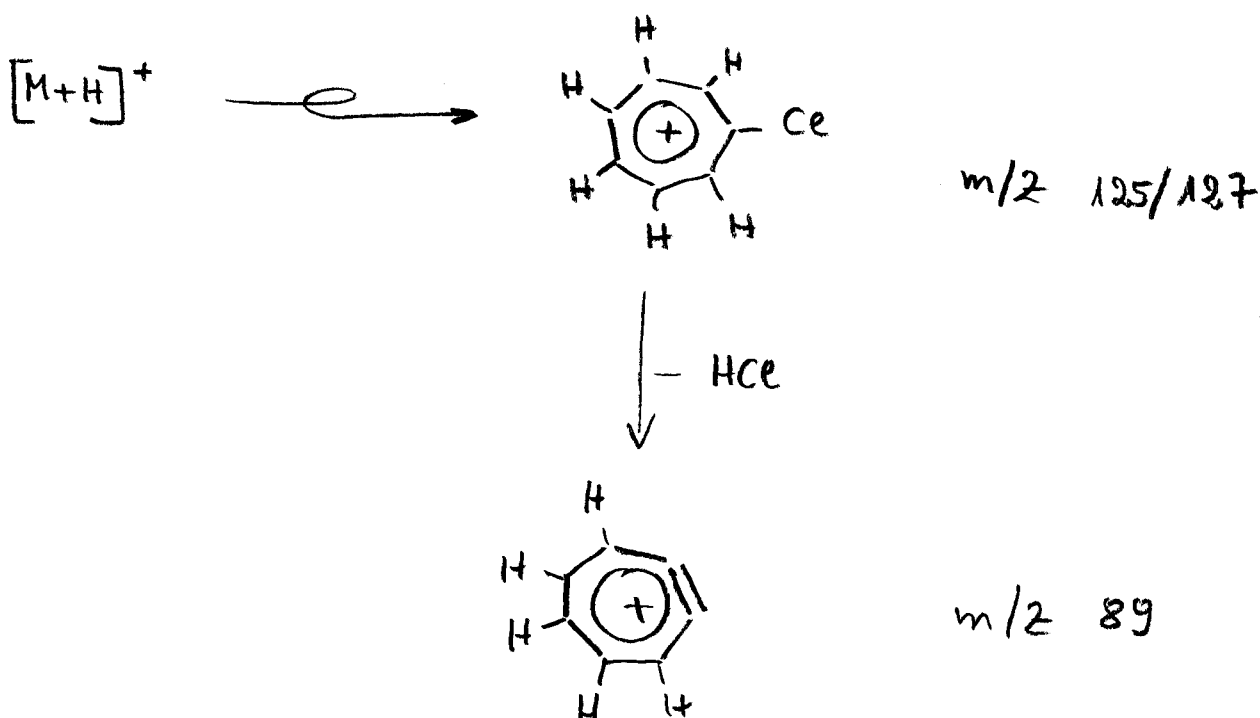
Quasimolecular ion: 258,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

| Transition                                | 258,1 → 125,0 | 258,1 → 89,0 |
|---|---------------|--------------|
| Declustering potential (DP) <sup>*)</sup> | 71 V          | 71 V         |
| Focusing potential (FP)                   | 240 V         | 360 V        |
| Entrance potential (EP)                   | 10,5 V        | 10,0 V       |
| Collision cell entrance potential (CEP)   | 18 V          | 16 V         |
| Collision energy (CE)                     | 25 V          | 65 V         |
| Collision cell exit potential (CXP)       | 6 V           | 14 V         |

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

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060901084053.wiff (Turbo Spray)

Max. 1.5e8 cps

