

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

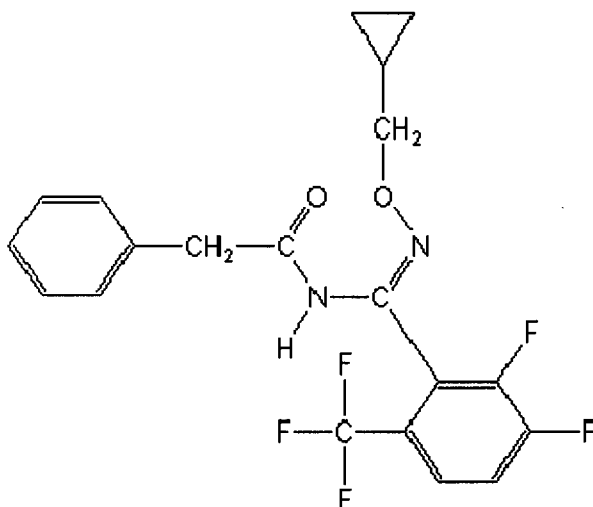
### Analyte: Cyflufenamid

CAS No.: 180409-60-3

Formula: C<sub>20</sub>H<sub>17</sub>F<sub>5</sub>N<sub>2</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 412,12 amu

Structure:



Ionisation: ESI +

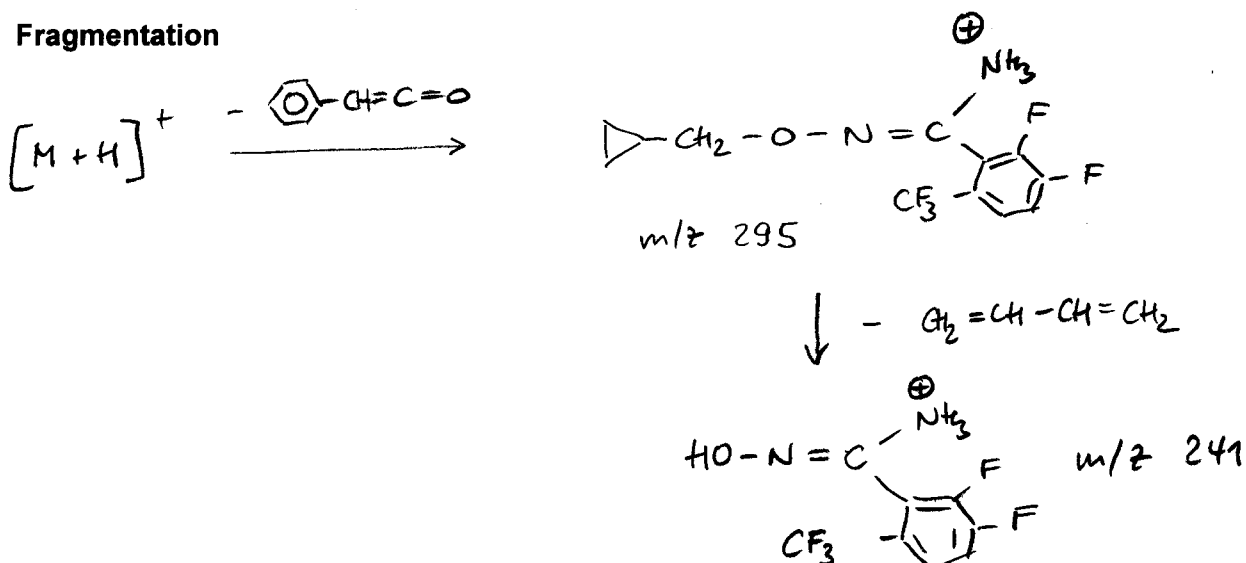
Quasimolecular ion: 413,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	413,1 → 295,2	413,1 → 241,0
Declustering potential (DP)*)	3,5 V	3,5 V
Focusing potential (FP)	330 V	370 V
Entrance potential (EP)	10 V	7 V
Collision cell entrance potential (CEP)	24 V	20 V
Collision energy (CE)	21 V	27 V
Collision cell exit potential (CXP)	14 V	12 V

\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070917120001.wiff (Turbo Spray)

Max. 9.9e7 cps

