

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

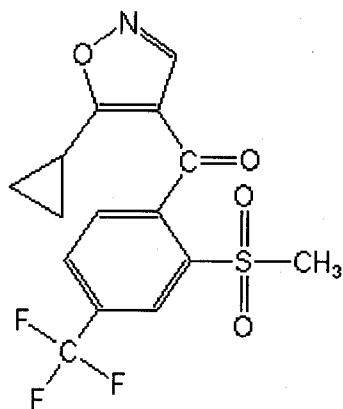
### Analyte: Isoxaflutole

CAS No.: 141112-29-0

Formula: C<sub>15</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>4</sub>S

Molecular mass (lowest isotopes): 359,04 amu

Structure:



Ionisation: ESI +

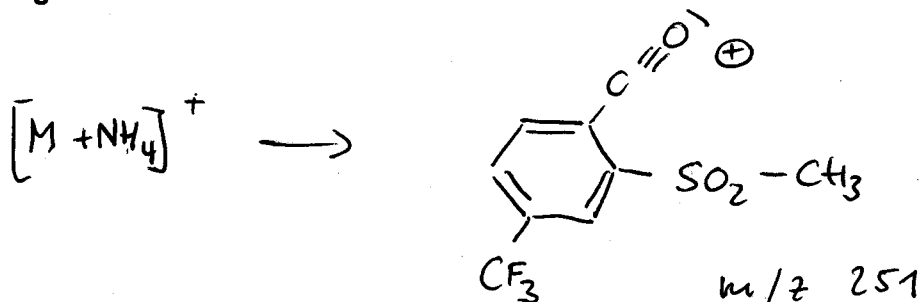
Quasimolecular ion: 377,0 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

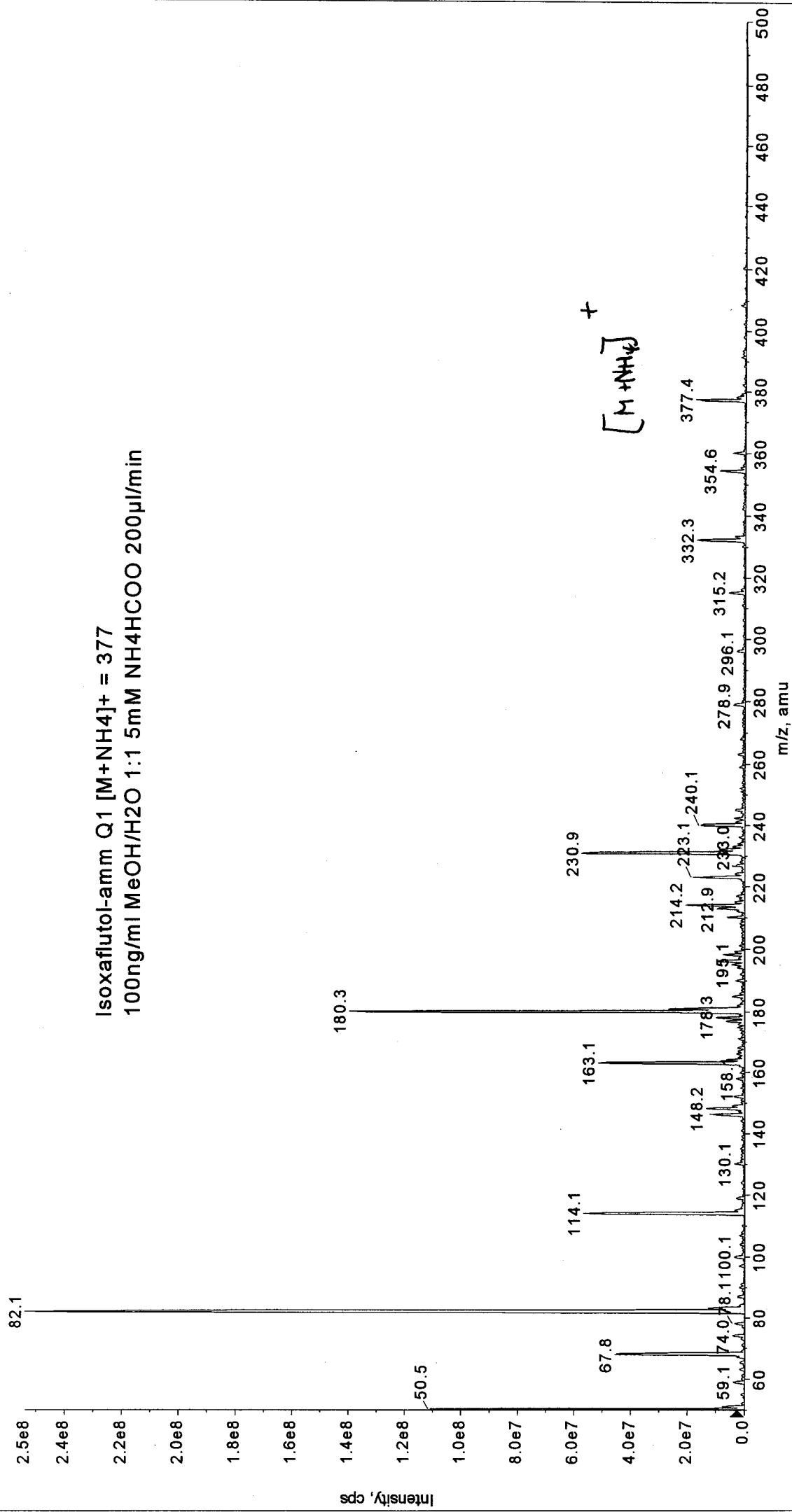
Transition	377,0 → 251,0	377,0 →
Declustering potential (DP) <sup>*)</sup>	26V	26 V
Focusing potential (FP)	360 V	V
Entrance potential (EP)	8,5 V	V
Collision cell entrance potential (CEP)	22 V	V
Collision energy (CE)	25 V	V
Collision cell exit potential (CXP)	12 V	V

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

### Fragmentation



Q1: 30 MCA scans from Sample 1 of MT20020213105858.wiff Max 2.5e8 cps



Printing Date: 13 February 2002  
Printing Time: 11:08:45

Acq. Date: Wednesday, February 13, 2002  
Acq. Time: 11:07  
Acq. File: MT20020213110756.wiff

Sample Comment:  
Sample Name:  
Batch Name: n/a

\*Product (377.1): 30 MCA scans from Sample 1 of MT20020213110756.wiff Max: 2.0e6 cps

