

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

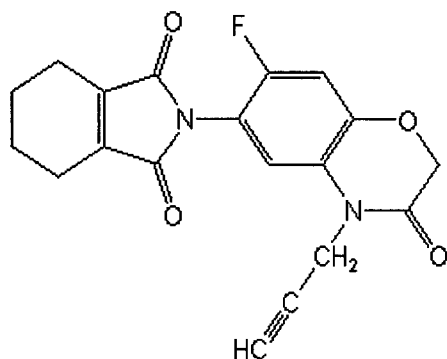
### Analyte: Flumioxazin

CAS No.: 103361-09-7

Formula: C<sub>19</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>4</sub>

Molecular mass (lowest isotopes): 354,10 amu

Structure:



Ionisation: ESI +

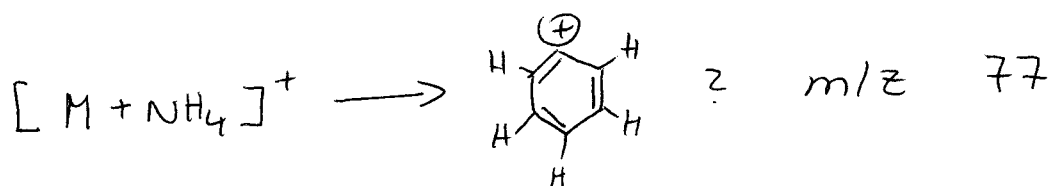
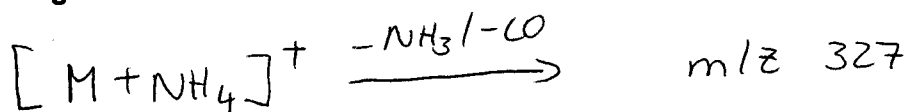
Quasimolecular ion: 372,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	372,1 → 327,1	372,1 → 76,9
Declustering potential (DP)*)	26V	26 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	12,0 V	9,0 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	27 V	95 V
Collision cell exit potential (CXP)	16 V	4 V

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

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050707085954.wiff (Turbo Spray)

Max. 2.6e8 cps

