

## MS/MS Parameters of Pesticides

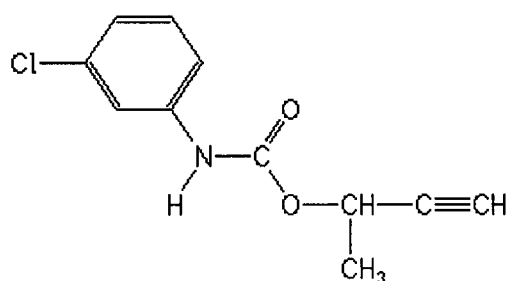
### Analyte: Chlorbufam

CAS No.: 1967-16-4

Formula: C<sub>11</sub>H<sub>10</sub>ClNO<sub>2</sub>

Exact molecular mass (lowest isotopes): 223,04 amu

Structure:



Ionisation: ESI +

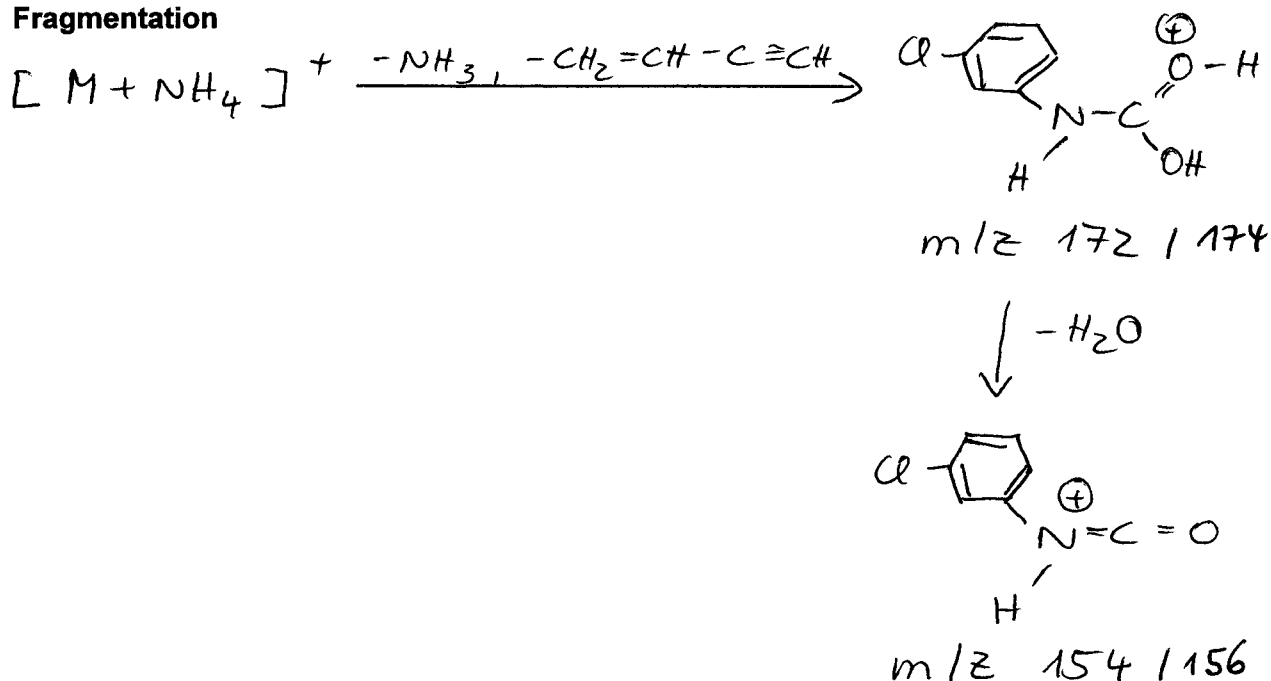
Quasimolecular ion: 241,0 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	241,0 → 172,1	241,0 → 154,1
Declustering potential (DP) <sup>*)</sup>	6 V	6 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	7,0 V	6,5 V
Collision cell entrance potential (CEP)	14 V	16 V
Collision energy (CE)	17 V	27 V
Collision cell exit potential (CXP)	10 V	8 V

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

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050623105330.wiff (Turbo Spray)

Max. 3.2e8 cps

