

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

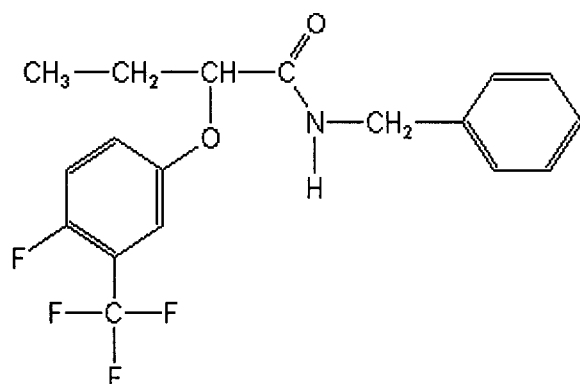
Analyte: Bflubutamid

CAS No.: 113614-08-7

Formula: C₁₈H₁₇F₄NO₂

Molecular mass (lowest isotopes): 355,12 amu

Structure:



Ionisation: ESI +

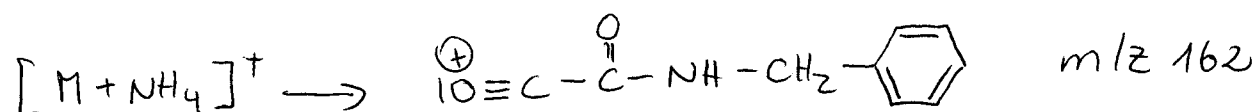
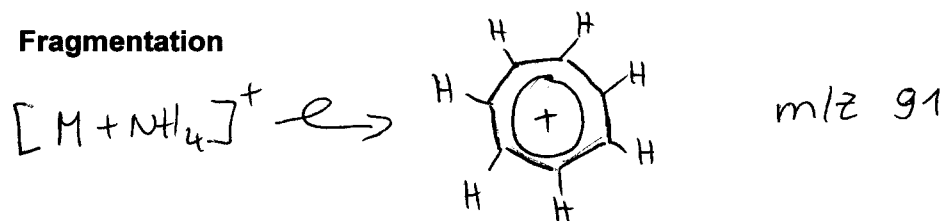
Quasimolecular ion: 373,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	373,1 → 91,2	373,1 → 162,1
Declustering potential (DP) ^{*)}	26V	26 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	28 V
Collision energy (CE)	47 V	39 V
Collision cell exit potential (CXP)	4 V	8 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050808103844.wiff (Turbo Spray)

Max. 3.4e8 cps

