

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

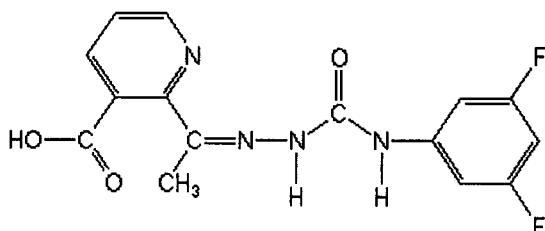
Analyte: Diflufenzopyr

CAS No.: 109293-97-2

Formula: C₁₅H₁₂F₂N₄O₃

Molecular mass (lowest isotopes): 334,09 amu

Structure:



Ionisation: ESI +

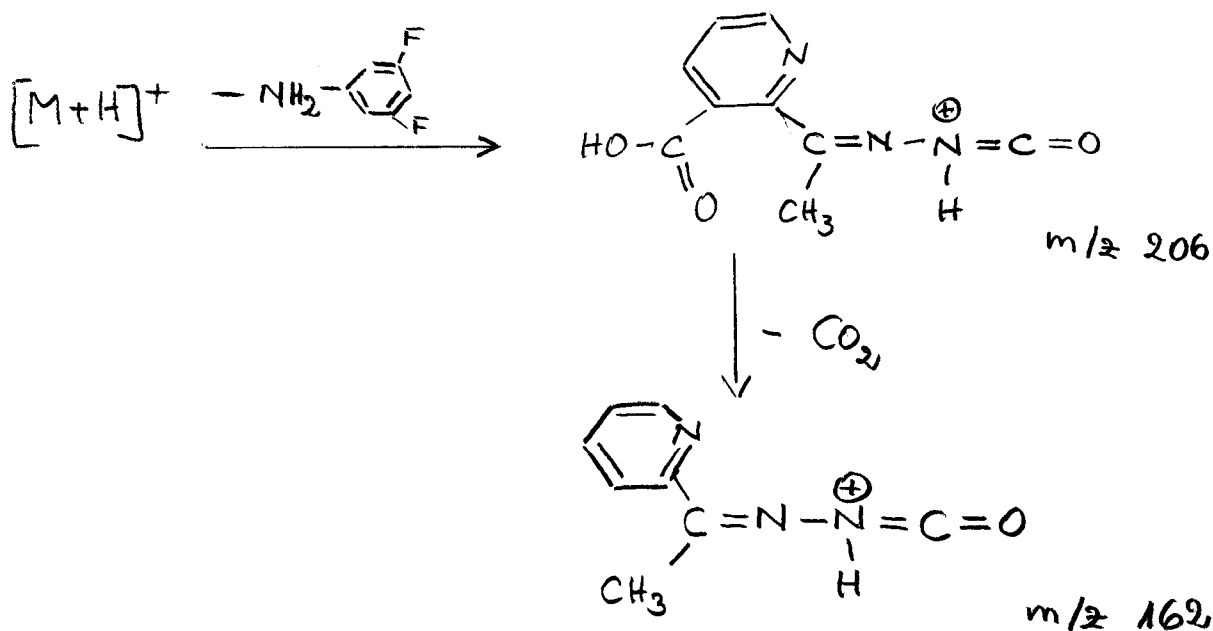
Quasimolecular ion: 335,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	335,1 → 206,1	335,1 → 162,1
Declustering potential (DP) ^{*)}	49 V	49 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	20 V	18 V
Collision energy (CE)	17 V	21 V
Collision cell exit potential (CXP)	10 V	8 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060719134352.wiff (Turbo Spray)

Max. 6.4e7 cps

