

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

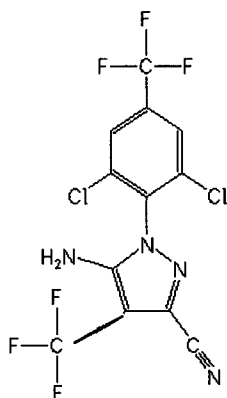
Analyte: Fipronil-desulfinyl

CAS No.: 205650-65-3

Formula: C₁₂H₄Cl₂F₆N₄

Molecular mass (lowest isotopes): 388,0 amu

Structure:



Ionisation: ESI -

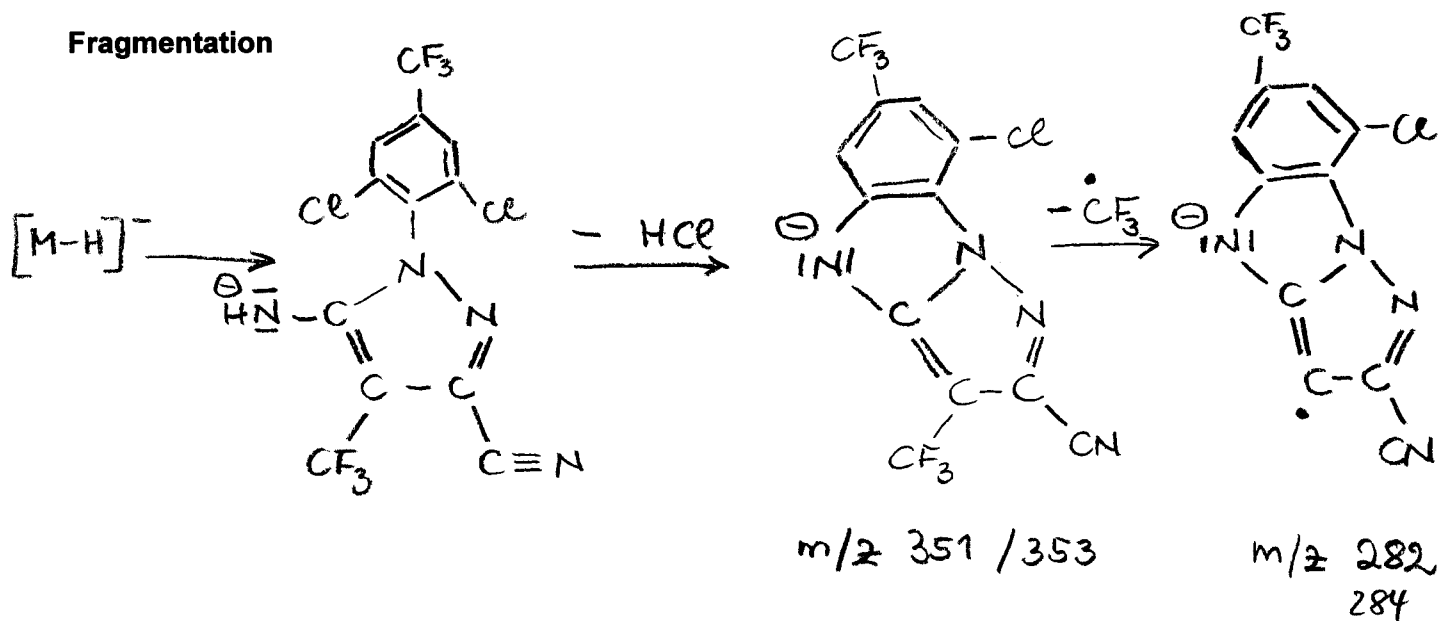
Quasimolecular ion: 387 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	387 → 351	387 → 282
Declustering potential (DP)*	-34V	-34 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-9,0 V	-10,5 V
Collision cell entrance potential (CEP)	-30 V	-34 V
Collision energy (CE)	-18 V	-38 V
Collision cell exit potential (CXP)	-22 V	-18 V

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

Fragmentation



-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20051229135146.wiff (Turbo Spray)

Max. 2.1e8 cps



Printing Time: 8:04:41

Printing Date: Friday, December 30, 2005

Aq. Time: 08:03

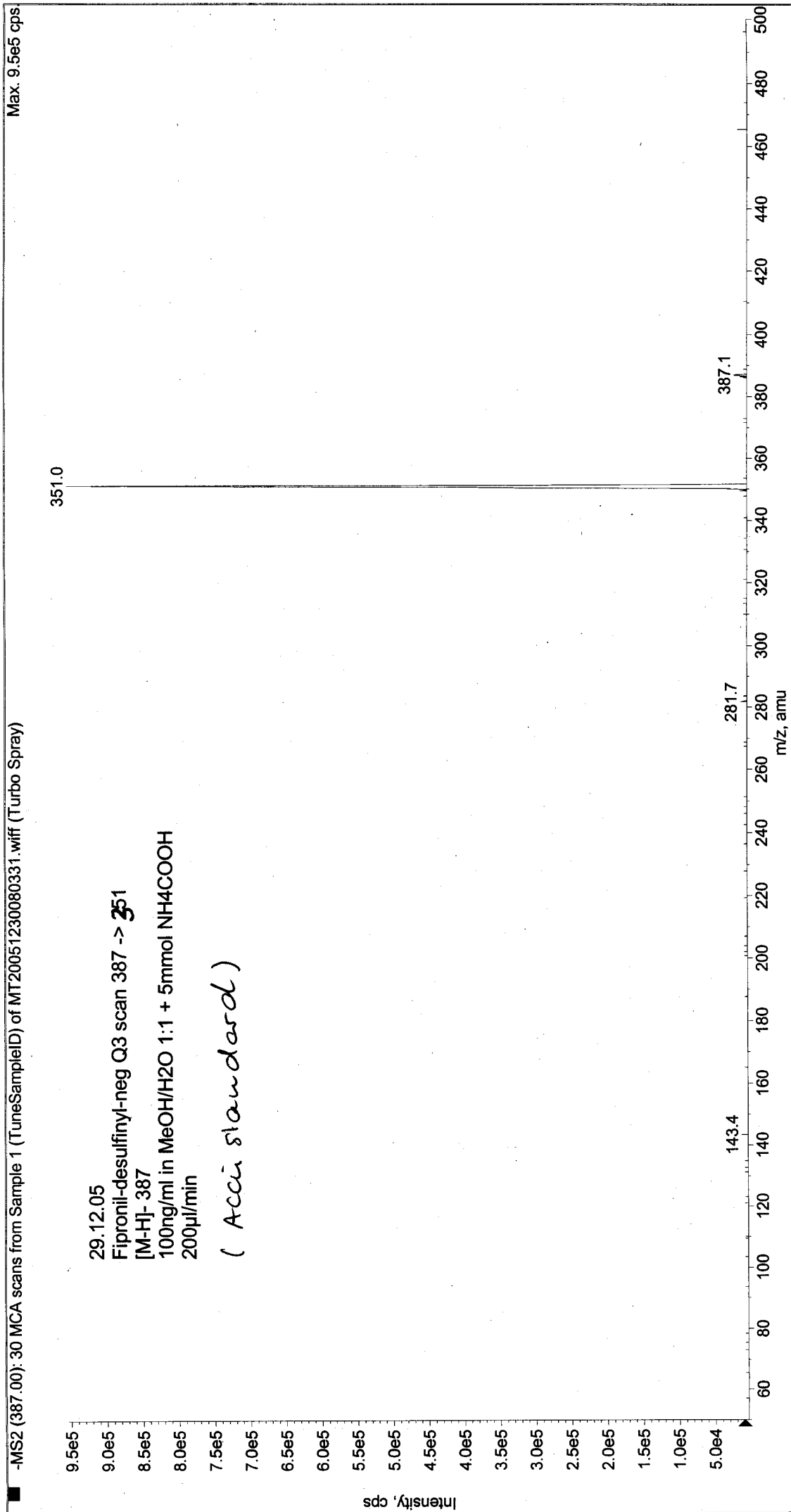
Acq. Date: Friday, December 30, 2005

Acq. File: MT20051230080331.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 8:06:18

Printing Date: Friday, December 30, 2005

Aq. Time: 08:05

Acq. Date: Friday, December 30, 2005

Acq. File: MT20051230080501.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

