

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

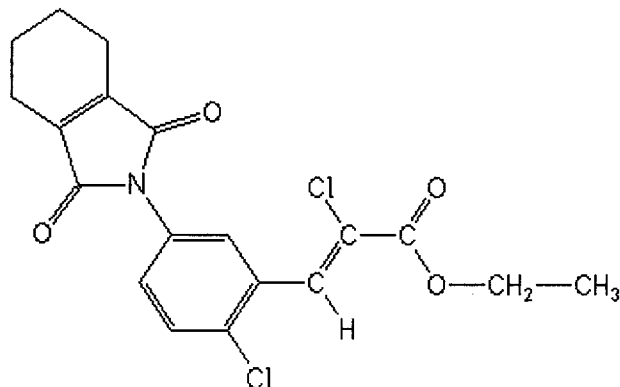
Analyte: Cinidon-ethyl

CAS No.: 142891-20-1

Formula: C₁₉H₁₇Cl₂NO₄

Molecular mass (lowest isotopes): 393,05 amu

Structure:



Ionisation: ESI +

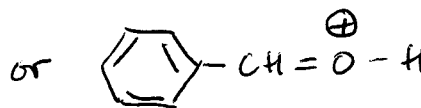
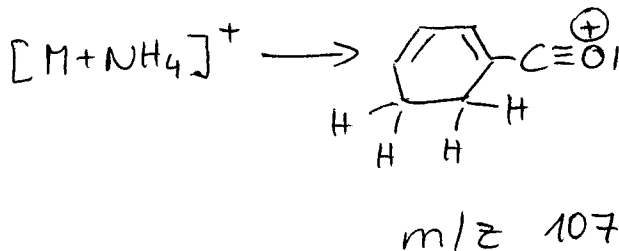
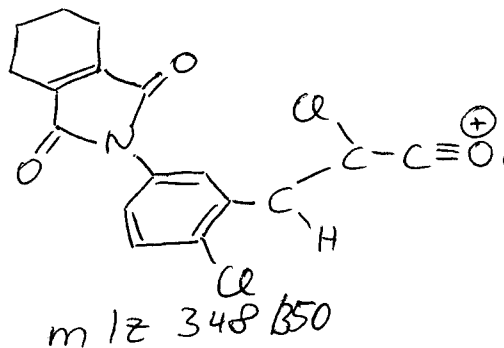
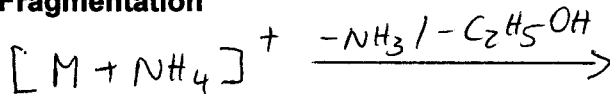
Quasimolecular ion: 411,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	411,1 → 348,0	411,1 → 107,2
Declustering potential (DP)*)	41 V	41 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	9,0 V	7,5 V
Collision cell entrance potential (CEP)	24 V	20 V
Collision energy (CE)	29 V	45 V
Collision cell exit potential (CXP)	20 V	4 V

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

Fragmentation



Printing Time: 13:20:44
Printing Date: Monday, August 08, 2005

Acq. Time: 13:19
Acq. Date: Monday, August 08, 2005
Acq. File: MT20050808131918.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050808131918.wiff (Turbo Spray)

Max. 3.1e8 cps

