

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

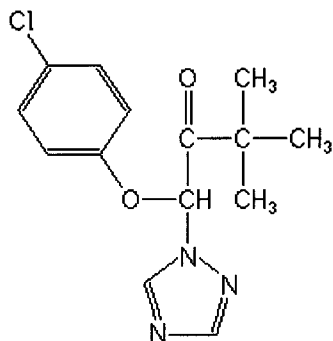
Analyte: Triadimefon

CAS No.: 43121-43-3

Formula: C₁₄H₁₆ClN₃O₂

Molecular mass (lowest isotopes): 293,09 amu

Structure:



Ionisation: ESI +

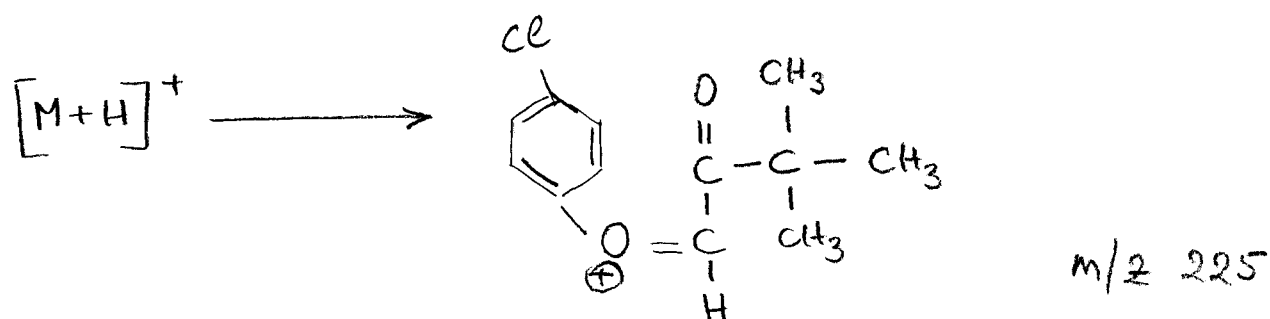
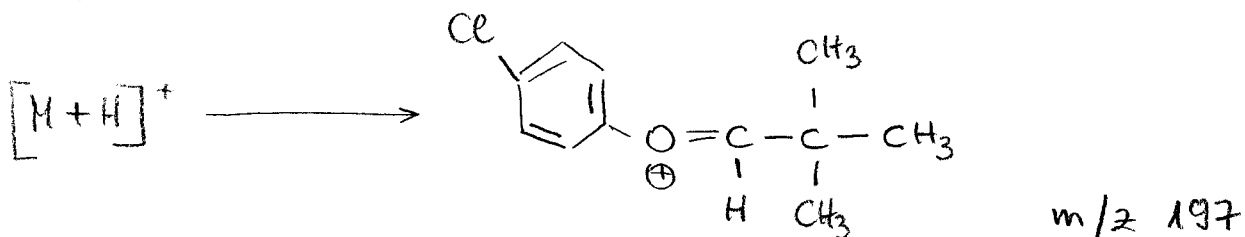
Quasimolecular ion: 294,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	294,0 → 197,2	294,0 → 225,1
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	11,0 V	11,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	21 V	19 V
Collision cell exit potential (CXP)	10 V	12 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630065429.wiff (Turbo Spray)

Max. 4.5e7 cps

