

MS/MS Parameters of Pesticides

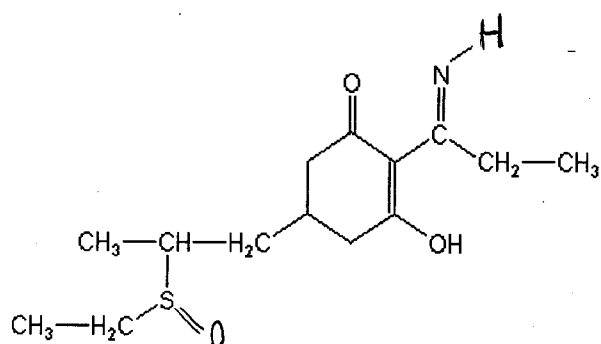
Analyte: Clethodim-imin-sulfoxid

CAS No.: not available

Formula: C₁₄H₂₃NO₃S

Molecular mass (lowest isotopes): 285,14 amu

Structure:



Ionisation: ESI +

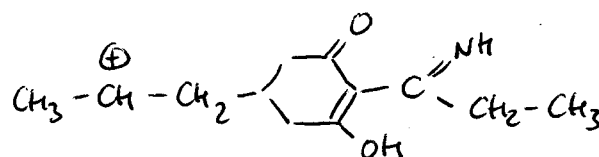
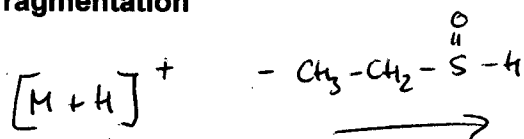
Quasimolecular ion: 286,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

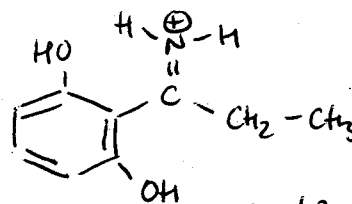
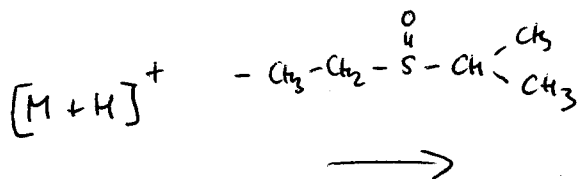
Transition	286,1 → 208,1	286,1 → 166,0
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	360 V	350 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	21 V	31 V
Collision cell exit potential (CXP)	10 V	8 V

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

Fragmentation



m/z 208



m/z 166

