

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

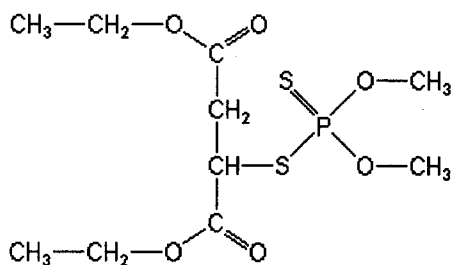
Analyte: Malathion

CAS No.: 121-75-5

Formula: C₁₀H₁₉O₆PS₂

Molecular mass (lowest isotopes): 330,04 amu

Structure:



Ionisation: ESI +

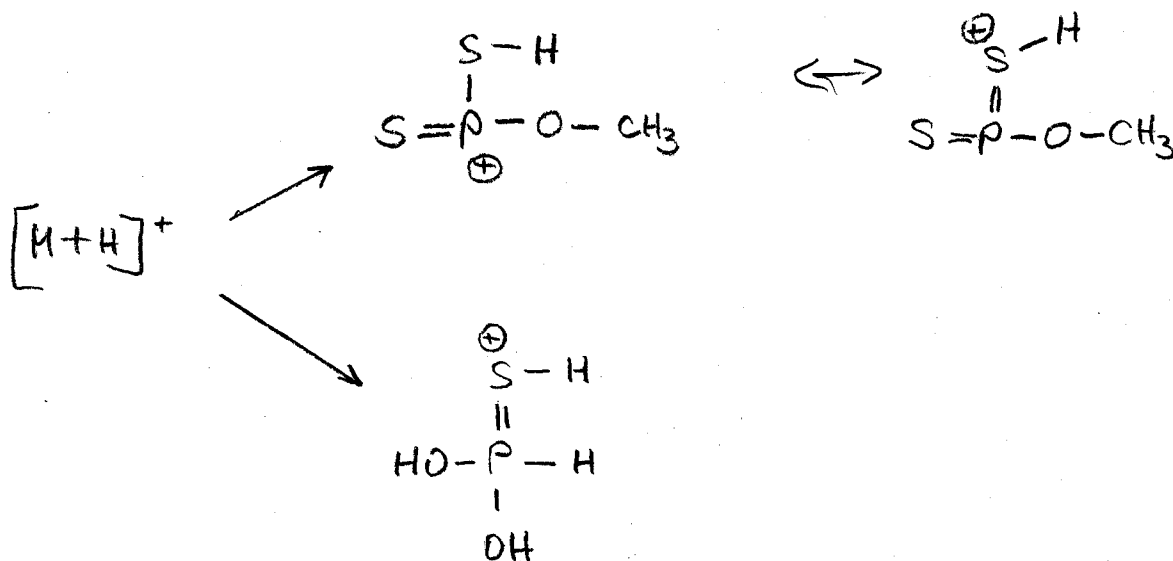
Quasimolecular ion: 331,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	331,0 → 127,0	331,0 → 99,0
Declustering potential (DP) ^{*)}	24 V	24 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	17 V	29 V
Collision cell exit potential (CXP)	6 V	6 V

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

Fragmentation



Printing Time: 14:14:38
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Sample Comment:
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Batch Name: ManualTune.bat

