

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

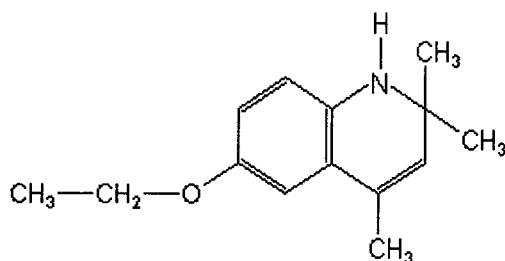
Analyte: Ethoxyquin

CAS No.: 91-53-2

Formula: C₁₄H₁₉NO

Molecular mass (lowest isotopes): 217,15 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 218,2 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	218,2 → 160,2	218,2 → 174,2
Declustering potential (DP) ^{*)}	81 V	81 V
Focusing potential (FP)	50 V	50 V
Entrance potential (EP)	11,5 V	11,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	43 V	37 V
Collision cell exit potential (CXP)	8 V	8 V

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

Fragmentation

