

MS/MS Parameters of Pesticides

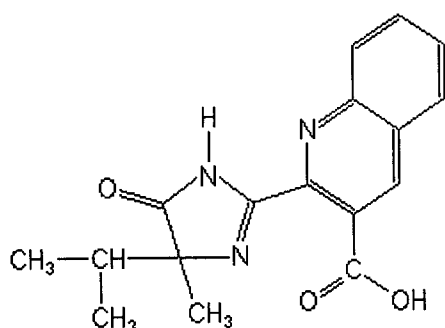
Analyte: Imazaquin

CAS No.: 81335-37-7

Formula: C₁₇H₁₇N₃O₃

Molecular mass (lowest isotopes): 311,13 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 312,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	312,1 → 199,1	312,1 → 128,1
Declustering potential (DP) ^{*)}	51V	51 V
Focusing potential (FP)	370 V	350 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	37 V	69 V
Collision cell exit potential (CXP)	10 V	6 V

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

Fragmentation

