

MS/MS Parameters of Pesticides

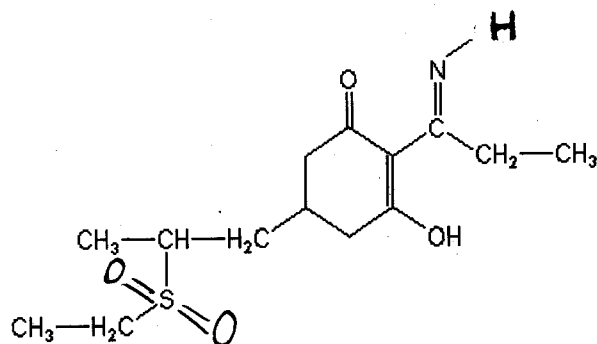
Analyte: Clethodim-imin-sulfon

CAS No.: not available

Formula: C₁₄H₂₃NO₄S

Molecular mass (lowest isotopes): 301,13 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 302,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	302,1 → 98,0	302,1 → 208,1
Declustering potential (DP) ^{*)}	69 V	69 V
Focusing potential (FP)	310 V	360 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	41 V	27 V
Collision cell exit potential (CXP)	4 V	10 V

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

Fragmentation

