

MS/MS Parameters of Pesticides

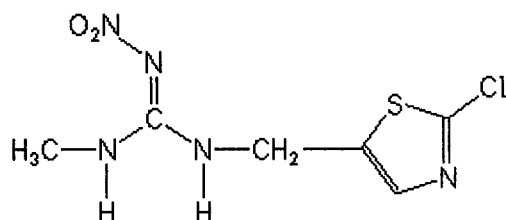
Analyte: Clothianidin

CAS No.: 210880-92-5

Formula: C₆H₆ClN₅O₂S

Molecular mass (lowest isotopes): 249,01 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 250,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	250,0 → 169,1	250,0 → 132,1
Declustering potential (DP) ^{*)}	74V	74 V
Focusing potential (FP)	290 V	340 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	19 V	19 V
Collision cell exit potential (CXP)	8 V	6 V

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

Fragmentation

