

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

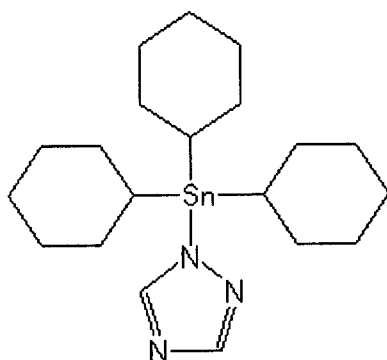
Analyte: Azocyclotin

CAS No.: 41083-11-8

Formula: C₂₀H₃₅N₃Sn

Molecular mass (lowest isotopes): 437,19 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 369,2 amu = [M-C₂H₂N₃]⁺

Analyte sensitive parameter set (API 2000)

Transition	369,2 → 204,8	369,2 → 287,0
Declustering potential (DP)*)	74 V	74 V
Focusing potential (FP)	340 V	340 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	22 V	28 V
Collision energy (CE)	23 V	17 V
Collision cell exit potential (CXP)	10 V	14 V

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

Fragmentation

(see Cyhexatin)