

## MS/MS Parameters of Pesticides

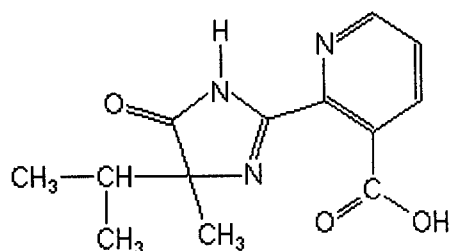
### Analyte: Imazapyr

CAS No.: 81334-34-1

Formula: C<sub>13</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

Molecular mass (lowest isotopes): 261,11 amu

Structure:



Ionisation: ESI +

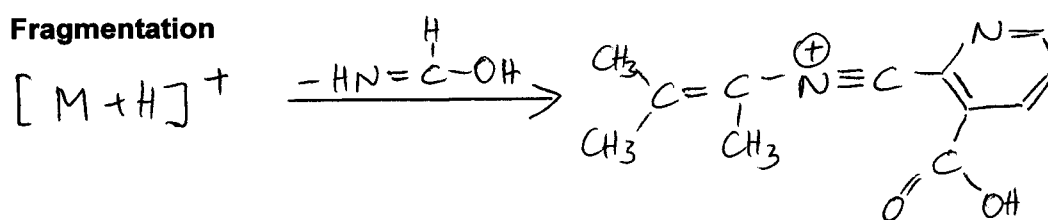
Quasimolecular ion: 262,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

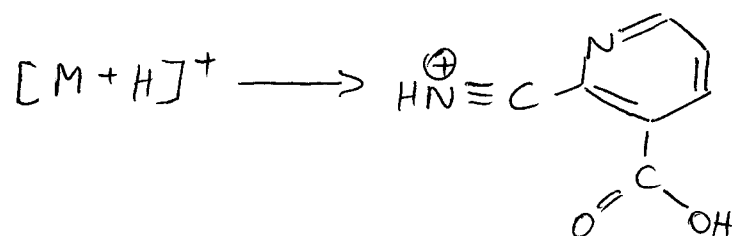
Transition	262,1 → 217,1	262,1 → 149,1
Declustering potential (DP) <sup>*)</sup>	51V	51 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	27 V	35 V
Collision cell exit potential (CXP)	12 V	8 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



m/z 217



m/z 149

