

## MS/MS Parameters of Pesticides

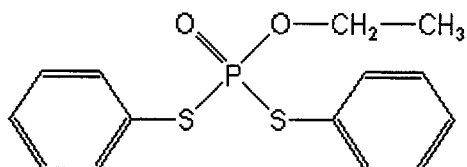
### Analyte: Edifenphos

CAS No.: 17109-49-8

Formula: C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>PS<sub>2</sub>

Molecular mass (lowest isotopes): 310,03 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 328,0 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	328,0 → 109,0	328,0 → 283,0
Declustering potential (DP)*)	4V	4 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	20 V	18 V
Collision energy (CE)	45 V	23 V
Collision cell exit potential (CXP)	6 V	16 V

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

### Fragmentation

