

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

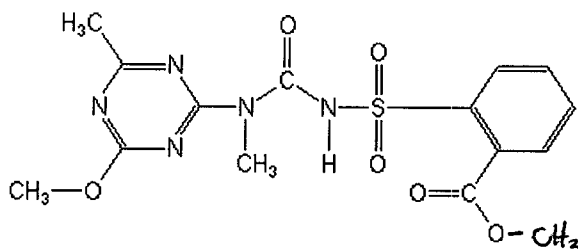
Analyte: Tribenuron-methyl

CAS No.: 101200-48-0

Formula: C₁₅H₁₇N₅O₆S

Molecular mass (lowest isotopes): 395,09 amu

Structure:



Ionisation: ESI +

Quasimolecular ion: 396,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	396,1 → 155,0	396,1 → 180,9
Declustering potential (DP)*)	56 V	56 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	21 V	27 V
Collision cell exit potential (CXP)	8 V	8 V

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

Fragmentation

