

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

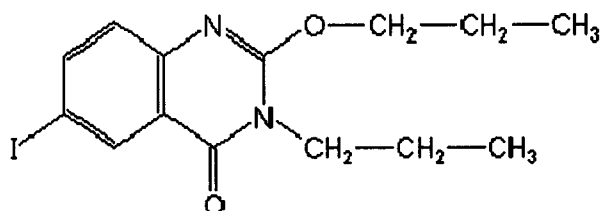
Analyte: Proquinazid

CAS No.: 189278-12-4

Formula: C₁₄H₁₇IN₂O₂

Molecular mass (lowest isotopes): 372,03 amu

Structure:



Ionisation: ESI +

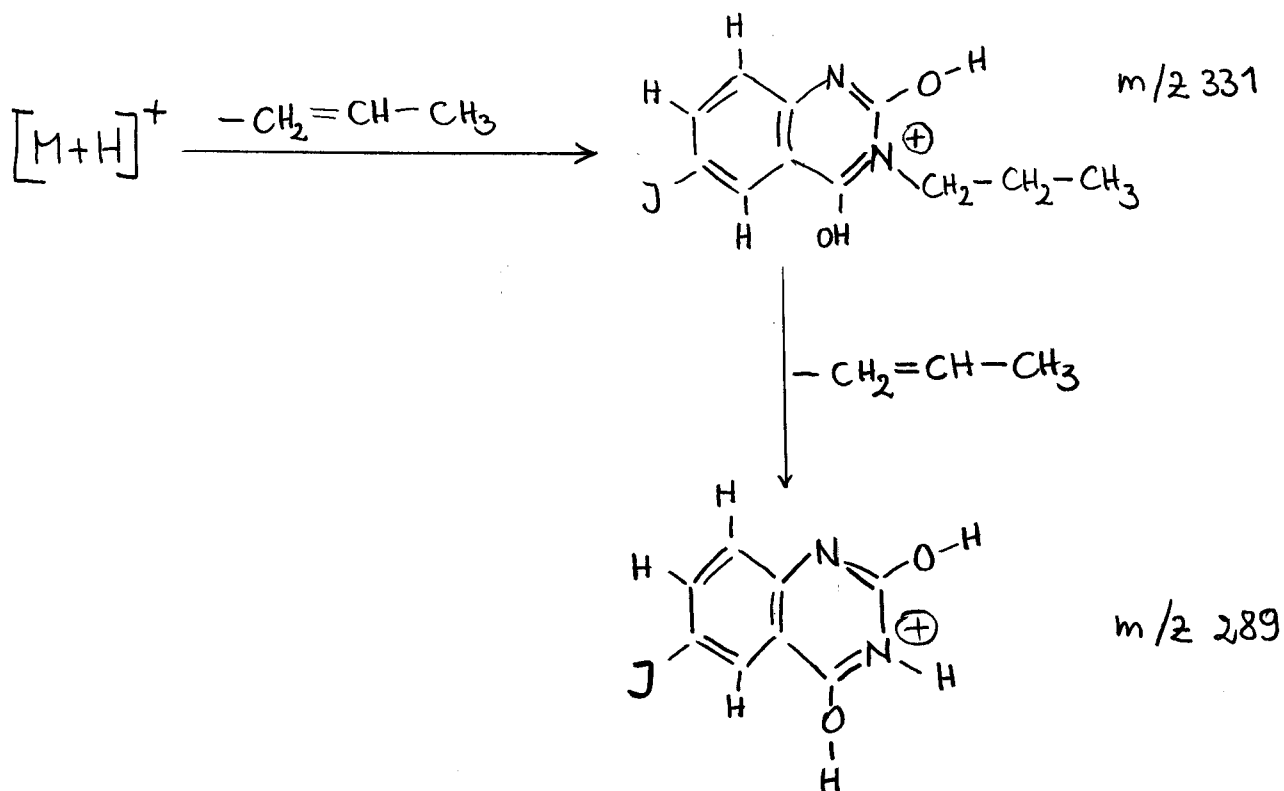
Quasimolecular ion: 373,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	373,0 → 288,9	373,0 → 331,0
Declustering potential (DP) ^{*)}	126 V	126 V
Focusing potential (FP)	50 V	50 V
Entrance potential (EP)	9,5 V	10 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	31 V	19 V
Collision cell exit potential (CXP)	16 V	18 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071024085116.wiff (Turbo Spray)

Max. 1.7e8 cps

