

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

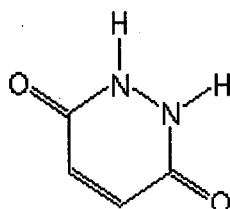
Analyte: Maleic hydrazide

CAS No.: 123-33-1

Formula: C₄H₄N₂O₂

Molecular mass (lowest isotopes): 112,03 amu

Structure:



Ionisation: ESI -

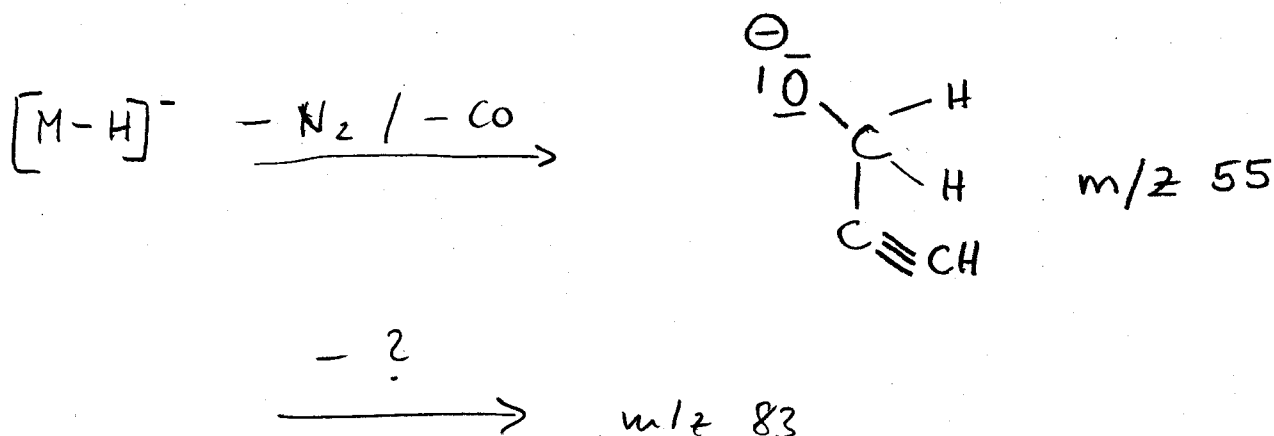
Quasimolecular ion: 111,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	111,0 → 81,9	111,0 → 55,0
Declustering potential (DP) ^{*)}	-74V	-74 V
Focusing potential (FP)	-330 V	-350 V
Entrance potential (EP)	-10,5 V	-10 V
Collision cell entrance potential (CEP)	-28 V	-24 V
Collision energy (CE)	-20 V	-20 V
Collision cell exit potential (CXP)	-14 V	-10 V

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

Fragmentation



■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050718103901.wiff (Turbo Spray) Max. 8.9e7 cps

