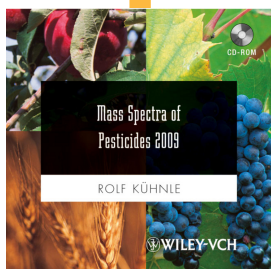


Mass Spectra of Pesticides 2009

Rolf Kühnle



Introduction

A pesticide is any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Most pesticides are designed to be toxic to their target pest and because any substance can be harmful if used improperly, pesticide use is strictly controlled. Environmental monitoring and reliable identification of pesticides in small amounts requires sophisticated analytical techniques such as mass spectrometry. To identify a pesticide, searchable mass spectral reference data are indispensable. This new 2009 collection includes 1,238 high quality mass spectra of pesticides such as:

- insecticides
- acaroids
- nematicides
- fungicides
- rodenticides
- molluscicides
- repellents

Key Benefits

- The mass spectra are unreduced and experimental conditions present in the data record include chemical structure, CAS RN, synonym and systematic name, molecular weight and molecular formula.

Specifications

- 1,238 high quality spectra
- 1,238 unique chemical structures

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Compound Coverage

Compound coverage for individual compounds can be verified at www.compoundsearch.com

Compatibility

Compatible with most current and legacy mass spectrometry data systems, including:

- Agilent Chemstation
- NIST MS Search
- Finnigan (GCQ, SSQ, TSQ, ICIS, INCOS, Iontrap, ITS40, Magnum)
- PerkinElmer TurboMass
- Thermo Galactic Spectral ID
- Waters MassLynx
- Shimadzu QP-5000
- Varian Saturn

Ordering Information

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