

Mass spectrometry in medicinal chemistry / edited by Klaus T. Wanner and Georg Hofner

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Abstrak

This first overview of mass spectrometry-based pharmaceutical analysis is the key to improved high-throughput drug screening, rational drug design and analysis of multiple ligand-target interactions. The ready reference opens with a general introduction to the use of mass spectrometry in pharmaceutical screening, followed by a detailed description of recently developed analytical systems for use in the pharmaceutical laboratory.

Applications range from simple binding assays to complex screens of biological activity and systems containing multiple targets or ligands, all highly relevant techniques in the early stages in drug discovery, from target characterization to hit and lead finding.