DESCRIPTION

This book highlights analytical chemistry instrumentation and practices applied to the analysis of natural products and their complex mixtures, describing techniques for isolating and characterizing natural products.

• Applies analytical techniques to natural products research – an area of critical importance to drug discovery
• Offers a one-stop shop for most analytical methods: x-ray diffraction, NMR analysis, mass spectrometry, and chemical genetics
• Includes coverage of natural products basics and highlights antibacterial research, particularly important as efforts to combat drug resistance gain prominence
• Covers instrumental techniques with enough detail for both current practitioners and beginning researchers

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Vladimir Havlicek is a Professor of Analytical Chemistry in the Institute of Microbiology of the Academy of Sciences of the Czech Republic. His laboratory uses analytical tools to characterize molecular structure. He has worked in the field of natural products for
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