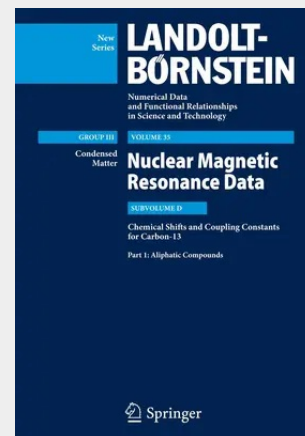


Aliphatic Compounds

Subvolume D: Chemical Shifts and Coupling Constants for Carbon-13

The present volume was begun by the late Dr. H.-O. Kalinowski, Justus-Liebig-Universität, Gießen, 13 Germany who could not continue the work on it. His books about the theory and applications of C NMR are well known and helpful to many chemists. The authors and the editors dedicate the volume to the memory of Dr. H.-O. Kalinowski. Nuclear Magnetic Resonance (NMR) is based on the fact that certain nuclei exhibit a magnetic moment, oriented by a magnetic field, and absorb characteristic frequencies in the radiofrequency part of the spectrum. The spectral lines of the nuclei are highly influenced by the chemical environment, i.e. the structure and interaction of the molecules. Magnetic properties of nuclei have been known since 1924 and the first Nuclear Magnetic Resonance experiment was performed in 1945. NMR is now the leading technique and a powerful tool for the investigation of the structure and interaction of molecules. The present Landolt-Börnstein volume III/35 "Nuclear Magnetic Resonance (NMR) Data" is therefore of major interest to all scientists and engineers who intend to use NMR to study the structure and the binding of molecules.

The present volume was begun by the late Dr. H.-O. Kalinowski, Justus-Liebig-Universität, Gießen, 13 Germany who could not continue the work on it. His books about the theory and applications of C NMR are well known and helpful to many chemists. The authors and the editors dedicate the volume to the memory of Dr. H.-O. Kalinowski. Nuclear Magnetic Resonance (NMR) is based on the fact that certain nuclei exhibit a magnetic moment, oriented by a magnetic field, and absorb characteristic frequencies in the radiofrequency part of the spectrum. The spectral lines of the nuclei are highly influenced by the chemical environment, i.e. the structure and interaction of the molecules. Magnetic properties of nuclei have been known since 1924 and the first Nuclear Magnetic Resonance experiment was performed in 1945. NMR is now the leading technique and a powerful tool for the investigation of the structure and interaction of molecules. The present Landolt-Börnstein volume III/35 "Nuclear Magnetic Resonance (NMR) Data" is therefore of major interest to all scientists and engineers who intend to use NMR to study the structure and the binding of molecules.



534,99 €

499,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540410270

Medium: Buch

ISBN: 978-3-540-41027-0

Verlag: Springer

Erscheinungstermin: 29.05.2010

Sprache(n): Englisch

Auflage: 1. Auflage 2010

Serie: Condensed Matter

Produktform: Gebunden

Gewicht: 1191 g

Seiten: 438

Format (B x H): 193 x 270 mm

