



Viqar Uddin Ahmad, Anwer Basha (Eds.)

Spectroscopic Data of Steroid Glycosides

Volume 6

- First work of its kind in the field of steroid glycosides
- An extra effort has been made to include the data from Chinese publications which are generally not available in the libraries of Western countries

Spectroscopic Data of Steroid Glycosides serves as an essential reference guide containing spectroscopic, physical and biological activity data of over 3500 steroid glycosides, offering the structures and the data of the naturally occurring glycosides of steroids. All compounds are arranged according to the structure of the aglycone, and, in its own class, according to the increasing molecular weight, making Spectroscopic Data of Steroid Glycosides extremely useful for the structure elucidation of new natural products, particularly glycosides. Spectroscopic Data of Steroid Glycosides offers a practical desk reference for all scientists and students interested in steroid glycosides and their biological and medicinal importance. The following data of the steroid glycosides, as available in published literature, are included: - Name of the compound, Chemical name of compound and its structure, - Source, name of the genus, species, authors, family of the biological source from which the glycoside has been isolated, - Melting point, - Specific rotation, - Molecule weight, - Molecular formula, - UV spectral data : maxima, ϵ or $\log \epsilon$, solvent, - IR peaks in cm^{-1} with medium in which the spectrum was taken e.g. KBr, nujol, etc, - Proton magnetic resonance (PMR) chemical shifts, multiplicity of the peaks, coupling constants with assignments, - ^{13}C -NMR (CMR) chemical shifts with assignments, - Mass spectral data with the technique used (e.g. Electron Impact (E.I.), Fast Atom Bombardment (FAB), positive ion or negative ion mode or any other technique, - CD or ORD data, - Biological Activity, - Full reference from which data have been taken.

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