



Springer

 1st
edition

2007, X, 696 p. 202 illus.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-0-387-31165-4

\$ 499,99

Available

Discount group

Professional Books (2)

Product category

Reference work

Other renditions

Softcover

ISBN 978-1-4419-2171-0

Life Sciences : Plant Biochemistry

Ahmad, Viqar Uddin, Basha, Anwer (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.

 Order online at springer.com/booksellers

Springer Nature Customer Service Center LLC

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com



ISBN 978-0-387-31165-4 / BIC: PST / SPRINGER NATURE: SCL14021

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

 Part of **SPRINGER NATURE**