DESCRIPTION

Naturally Occurring Glycosides Edited by Raphael Ikan The Hebrew University of Jerusalem, Israel

Naturally Occurring Glycosides summarises significant contemporary information on chemical, nutritional, biological and pharmacological aspects of naturally occurring glycosides. Though mainly found in plants, there are an overwhelming number of glycosides which occur in nature. Currently at the forefront of scientific investigation, these compounds have a variety of uses including the treatment of congestive heart failure, lowering cholesterol, flavourings, antibiotics and sweeteners. Naturally Occurring Glycosides presents 12 chapters dealing with chemical structure, occurrence, biosynthetic and biological activity of the following: Aminoglycosidic antibiotics; Anthocyanin glycosides; Cardiac glycosides; Carotenoid glycosides; Cyanogenic glycosides; Glycosinolates; Glycosidic bound volatiles in plants; Limonoid glycosides; Saponins; Steroidal glycoalkaloids; Steroidal oligosaccarides from marine sources; Terpenoid glycoside sweeteners. By reading Naturally Occurring Glycosides, researchers working in chemistry, biochemistry, biology, toxicology, physiology and pharmacology will gain a fascinating insight into the field of glycosides.

ABOUT THE AUTHOR

Raphael Ikan is the editor of Naturally Occurring Glycosides, published by Wiley.