



marine drugs

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Special Issue Reprint

Echinoderms Metabolites: Structure, Functions and Biomedical Perspectives II

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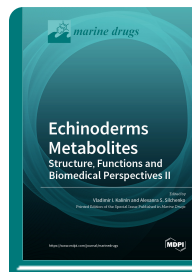
Edited by

Vladimir I. Kalinin

Alexandra S. Silchenko

ISBN 978-3-0365-5129-6 (Hardback)

ISBN 978-3-0365-5130-2 (PDF)



The book largely reflects the structural diversity of echinoderm metabolites including triterpene glycosides and fucosylated chondroitin sulfates, as well as branched fatty acids, di- and triacylglycerols and other lipid classes from the sea cucumbers, polyhydroxysteroids from starfish and different classes of sphingolipids from sea cucumbers and starfish. Finally, the MS-based metabolomic approach, which is very helpful for the estimation of such diversity, is discussed. The materials from the Special Issue also illustrate the biomedical potential of the presented metabolites as cytotoxins and anticoagulants. The *in silico* approach broadens the possibilities to investigate the mechanisms of the action of membranolytic compounds.



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