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**Perspective on the use of sulfated polysaccharides from marine organisms as a source of new antithrombotic drugs**

**DOI: 10.3390/md13052770**

**Marine Drugs, 2015, 13, 2770-84.**

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**Version:** 2024-04-28

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#	Paper	IF	Citations
83	Computational study of the possible formation of the ternary complex between thrombin, antithrombin III and fucosylated chondroitin sulfates. <i>Mendeleev Communications</i> , <b>2015</b> , 25, 420-421	1.9	6
82	Extraction and structural properties of Acanthophora muscoides (Rhodophyceae) extracellular matrix sulfated polysaccharides and their effects on coagulation. <i>Acta Scientiarum - Technology</i> , <b>2016</b> , 38, 273	0.5	4
81	Mild-acid hydrolysis of a native polysulfated fraction from Acanthophora muscoides generates sulfated oligosaccharides displaying in vitro thrombin generation inhibition. <i>Acta Scientiarum - Biological Sciences</i> , <b>2016</b> , 38, 7	0.3	11
80	Disaccharide analysis of chondroitin and heparin from farmed Atlantic salmon. <i>Glycoconjugate Journal</i> , <b>2016</b> , 33, 121-3	3	3
79	Novel sulfated xylogalactoarabinans from green seaweed Cladophora falklandica: Chemical structure and action on the fibrin network. <i>Carbohydrate Polymers</i> , <b>2016</b> , 154, 139-50	10.3	20
78	Protective Effect of the Sulfated Agaran Isolated from the Red Seaweed Laurencia aldingensis Against Toxic Effects of the Venom of the Snake, Lachesis muta. <i>Marine Biotechnology</i> , <b>2016</b> , 18, 619-629	3.4	8
77	Structural characterization of fucosylated chondroitin sulfates from sea cucumbers Apostichopus japonicus and Actinopyga mauritiana. <i>Carbohydrate Polymers</i> , <b>2016</b> , 153, 399-405	10.3	52
76	A Modular Approach to a Library of Semi-Synthetic Fucosylated Chondroitin Sulfate Polysaccharides with Different Sulfation and Fucosylation Patterns. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18215-18226	4.8	22
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74	Structure and biological activity of a fucosylated chondroitin sulfate from the sea cucumber Cucumaria japonica. <i>Glycobiology</i> , <b>2016</b> , 26, 449-59	5.8	41
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72	Two fucosylated chondroitin sulfates from the sea cucumber Eupentacta fraudatrix. <i>Carbohydrate Polymers</i> , <b>2017</b> , 164, 8-12	10.3	33
71	A highly regular fucosylated chondroitin sulfate from the sea cucumber Massinium magnum: Structure and effects on coagulation. <i>Carbohydrate Polymers</i> , <b>2017</b> , 167, 20-26	10.3	45
70	The structure of a fucosylated chondroitin sulfate from the sea cucumber Cucumaria frondosa. <i>Carbohydrate Polymers</i> , <b>2017</b> , 165, 7-12	10.3	43
69	Box-Behnken design for extraction optimization of crude polysaccharides from Tunisian Phormidium versicolor cyanobacteria (NCC 466): Partial characterization, in vitro antioxidant and antimicrobial activities. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 1501-1510	7.9	39
68	Structural analysis of a sulfated galactan from the tunic of the ascidian Microcosmus exasperatus and its inhibitory effect of the intrinsic coagulation pathway. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 1391-1400	7.9	7
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66	Synthesis and NMR analysis of model compounds related to fucosylated chondroitin sulfates: GalNAc and Fuc(1→6)GalNAc derivatives. <i>Carbohydrate Research</i> , <b>2017</b> , 438, 9-17	2.9	13
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64	Improved anticoagulant effect of fucosylated chondroitin sulfate orally administered as gastro-resistant tablets. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 662-670	7	21
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