

[54] **SULFOAMINO DERIVATIVES OF CHONDROITIN SULFATES OF DERMATAN SULFATE AND OF HYALURONIC ACID AND THEIR PHARMACOLOGICAL PROPERTIES**

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[57] ABSTRACT

Novel derivatives are disclosed as obtained from chondroitin sulfate, dermatan sulfate and hyaluronic acid, having a molar ratio between sulfate groups and carboxylic groups like that of heparin and furthermore characterized by possessing, as the heparin, the sulfoamino group at the carbon atom at the 6 position of hexosamine.

The novel compounds show a very remarkable clearing activity in comparison with the starting mucopolysaccharides, this activity being similar and for some derivatives comparable with that of heparin.

Moreover, differently from what normally happens upon sulfating the sulfomucopolysaccharides, the anticoagulating activity of the novel compounds is negligible or anyhow very reduced.

The compounds of the present invention find use in the therapy of arteriosclerosis.

12 Claims, 5 Drawing Sheets

