

ABSTRACT

METHOD OF PREPARING OLIGOMANNURONIC DIACIDS

5 The invention relates to a new method of preparing oligomannuronic diacids, important bioactives. The method utilizes oligomannuronic acids as starting materials and the target substances are obtained by acid degradation and active hypobromous acid oxidation steps. The method of preparing oligomannuronic diacids according to the invention employs moderate reaction conditions, has few side reactions, does not
10 need further purification, achieves a yield of more than 90%, or even more than 95%, and is suitable for production with an on-line continuous reactor device, with reaction processes easy to implement automatic control.

(Figure 3)