

Institute of Chemistry, Republic of Moldova

Chlorinated enotannins with antibacterial and antifungal properties

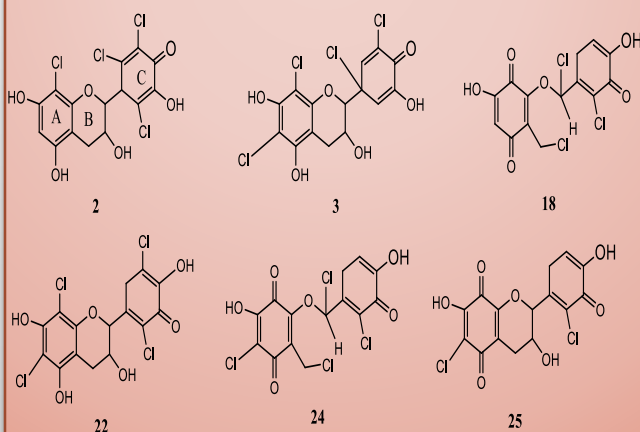
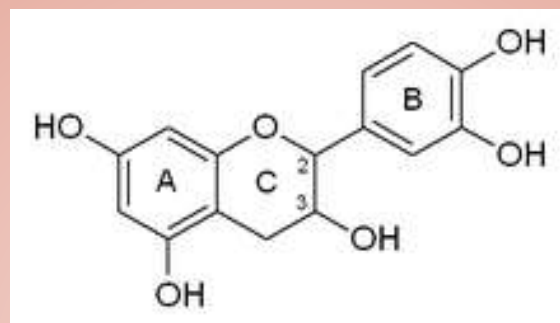
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The invention relates to chemistry, in particular to chlorinated enotannins with antimicrobial properties for application in agriculture against phytopathogenic bacteria and fungi.

The essence of the invention consists in the elaboration of chlorinated enotannins, obtained by the interaction of enotannins with chlorine gas, in the ratio of 4 ... 6 g of enotannins, dissolved in 40... 60 mL of methyl alcohol, to 1.5 ... 2.0 L of chlorine gas, for 10 ... 20 min.

The technical result of the invention consists in the increasing of the antimicrobial activity of the chlorinated enotannins in comparison to the closest prior art up to 8... 17 times to bacteria and 2... 3.7 times to phytopathogenic fungi.

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