

The invention relates to the clusters class of coordinative compounds on base of ferrum and carboxylic acid, which can be used as biostimulator in different biotechnological processes.

Summary of the invention consists in the synthesis of trimethanol-hexakis- μ -trichloroacetato(O,O')- μ_3 -oxo-diferrum(III)manganese of the formula $[\text{Fe}_2\text{MnO}(\text{CCl}_3\text{COO})_6(\text{CH}_3\text{OH})_3]$, manifesting properties of biomass productivity stimulator of the yeast strains of *Rhodotorula* kind.

Claims: 1