

a 2019 0039

The invention relates to coordination chemistry, biotechnology and viticulture, namely to a cobalt(III) coordination compound with 1,10-phenanthroline, which can be used as a cancer development inhibitor in grapevine.

According to the invention, claimed is the coordination compound hexaamminecobalt(III) trichloride bis(1,10-phenanthroline) trihydrate with the formula  $[\text{Co}(\text{NH}_3)_6]\text{Cl}_3 \cdot 2(\text{phen}) \cdot 3\text{H}_2\text{O}$ . The coordination compound exhibits the properties of cancer development inhibitor in grapevine, fact established by testing the growth inhibition effect of *Rhizobium (Agrobacterium) vitis* bacteria.

Claims: 2

Fig.: 3