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Lanostane Analogue Of Cytotoxic Cycloartanolide And Others Lactones From The Needle-Free Shoots Of Siberian Fir

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The well-known ($\underline{1}$ - $\underline{4}$) and new ($\underline{5}$ and $\underline{7}$) lanostanolides have been isolated by column chromatography from an ethereal extract of a needle-free and dried shoots of Siberian fir (*Abies sibirica* Ledb.). Acetate ($\underline{4}$) is found in a first time as a natural compound. The structures of new lactones $\underline{5}$ and $\underline{7}$ have been established by spectral data, especially NMR and 2D spectra NMR.

<u>1 - 5</u>

Compound $\underline{7}$ we consider is a structural analogue of lactone $\underline{6}$, which known as cytotoxicity principle of china conifer tree *Pseudolarix kaempferi* Gord. (*Pinaceae*).