and in its place there was a new signal of a CH_3 group attached to CH (doublet, 1.28 ppm, J = 7 Hz) while the signal of the vinyl proton remained (multiplet, 4.90 ppm).

Dihydroinulicin also forms an acetyl derivative $C_{19}H_{28}O_6$, with mp 69–71° C (from petroleum ether), ν_{max} 1770 (γ-lactone), 1740, and 1265–1245 cm^{-1} ($OCOCH_3$).

When inulicin was hydrogenated in glacial acetic acid over a Pt catalyst (Adams), 3 moles of hydrogen were consumed. The reaction product could not be crystallized. The study of the structure of inulicin is continuing.

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TRITERPENES IN PLANTS FROM THE SOVIET FAR EAST

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We have studied the triterpenes of several plants from the Soviet Far East. From the bark of Alnus japonica Sieb et Zucc. (Popov Oblast, Vladivostok region), we have isolated taraxerol and betulinic acid. In the bark of Alnus maximowiczii Call. (Dolinsk region, Sakhalin) we have detected taraxerol, alninkanone, and betulin. From the bark of Betual daurica Pall. (Vladivostok region) we have isolated betulin and oleanoic acid. In the roots of Myrica tomentosa (D. C.) Aschers et Graebn. (Dolinsk region, Sakhalin) we have detected myricadiol, taraxerol and taraxerone. In the leaves of this plant we found myricadiol. To identify all the compounds isolated, we obtained a number of derivatives by the usual method. All the substances investigated had melting points agreeing with those given in the literature. The compounds isolated and their derivatives gave no depressions of the melting points with authentic samples.

Substance	Mp, °C		
	Values found	Literature data	
Taraxerol	279–280	282–285	[1]
Taraxerol acetate	300–304	303–305	[1]
Myricadiol	268.5	273–274	[1]
Myricadiol diacetate	248.5–250	256.5	[1]
Betulinic acid	306–307	320–324	[1]
Methyl betulinate	221.5–222.5	225–226	[1]
Betulin	252–254	261	[1]
Betulin diacetate	216–218	223	[1]
Alninkanone	168–172	172–172.5	[2]
Alninkanol acetate	258–259	261–262	[3]
Oleanoic acid	—	310	[1]
Acetate of methyl oleanolate	213–216	223	[4]
Taraxerone	236–240	245–249	[1]
Taraxerone 2,4-dinitrophenylhydrazone	258–269	257–258.5	[5]

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