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Electrophilic Cyclization of α - and β -Geranylacetates by Mercury(II) Trifluoroacetate.

— The mercury trifluoroacetate promoted cyclization of α - and β -geranylacetates is studied. β -Geranylacetate (I) provides a mixture of cyclogeranyl derivatives mercurated at the C-3 atom (II) and (III) as well as their hydrated isomers (IV). Cyclization of α -geranylacetate (VII) gives cyclogeranyl acetate (VIII), mercurated at C-9. Hydrogenation or a combination of hydrogenation and oxidation of the obtained mercurated cyclogeranyl derivatives opens access to a number of otherwise hardly accessible polyfunctional cyclogeranyl derivatives. — (KUL'CHITSKII, V. N.; UNGUR, N. D.; VLAD, P. F.; *Izv. Akad. Nauk, Ser. Khim.* (1997) 7, 1320-1324; *Inst. khim., Akad. nauk Resp. Moldova*, 2028 Kishinev, Moldova; RU)

