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Synthesis of 1,4,2-dioxaphosphepanes by the reaction of 2-fluoroalkoxy-4-oxo-5,6-benzo- 1,3,2-dioxaphosphorinanes with chloral

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Abstract

The reaction of 2-fluoroalkoxy-5,6-benzo-1,3,2-dioxaphosphorinanes with chloral leads to the formation of ring expansion products with a P-C bond, namely, 2-fluoroalkoxy-2,5-dio-
o-3-trichloromethyl-6,7-benzo-1,4,2-dioxaphosphepanes with high stereoselectivity. © 1992
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