

## Research on furan acetal compounds - VII. PMR spectra, configuration, and conformations of substituted 2-( $\alpha$ -furyl)-1,3-dioxanes

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### Abstract

The configuration and preferred conformations of a number of stereoisomeric 2-( $\alpha$ -furyl) 1,3-dioxanes were established by PMR spectroscopy. It is shown that cis orientation of the NO<sub>2</sub> groups with respect to the furyl ring is primarily realized for 2-( $\alpha'$ -nitro- $\alpha$ -furyl)-5-ethyl-5-nitro-1,3-dioxanes. © 1975 Plenum Publishing Corporation.

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