

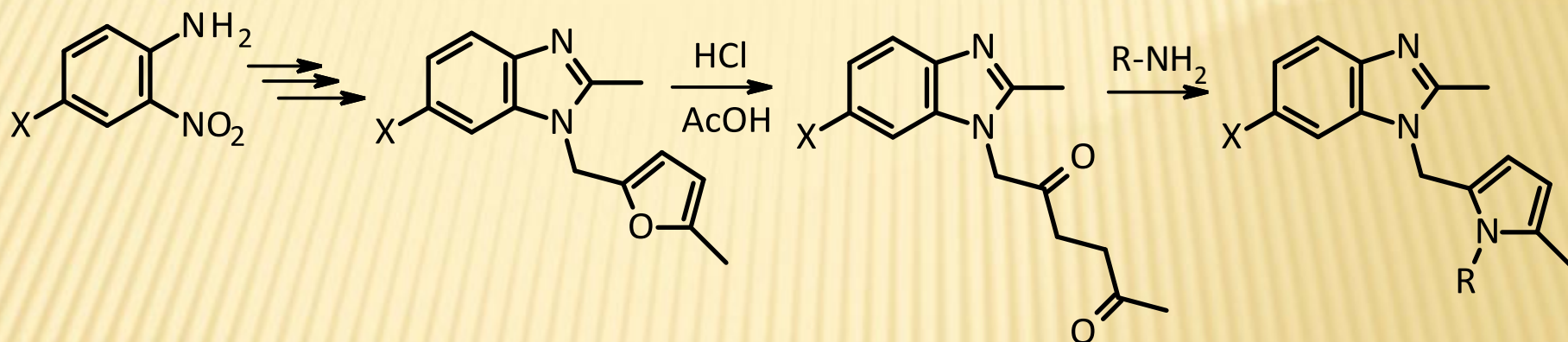


# FURAN RING TRANSFORMATION AS A KEY STAGE IN PYRROLOPYRAZINE FRAMEWORK SYNTHESIS

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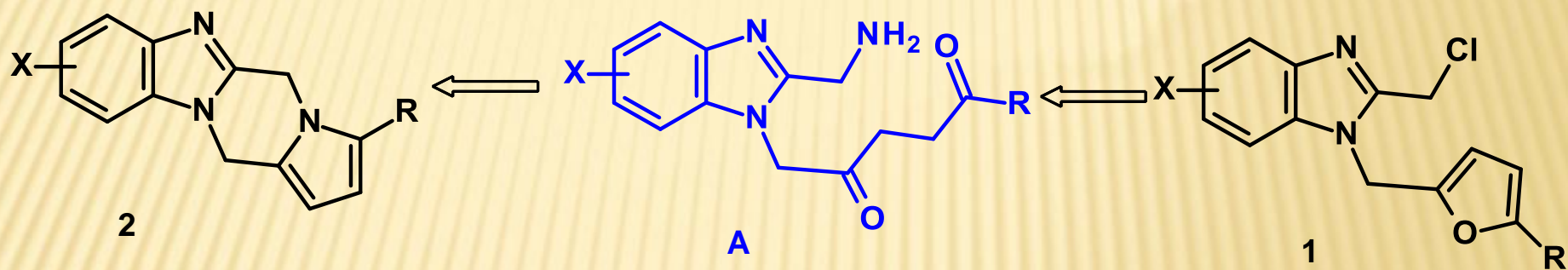
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Scheme 1



T. A. Stroganova, V. M. Redkin, G. A. Kovalenko, V. K. Vasilin, G. D. Krapivin,  
*Chemistry of Heterocyclic Compounds*. 49 (2013), 1264-1273

## Scheme 2



## Scheme 3

