

*Thematic course: Maleinimides and their derivatives. Part 1.*

## **Synthesis of 1-[4-(2-hydroxyethoxy)phenyl]- 2,5-dioxo-2,5-dihydro-1*H*-pyrroline**

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### **Abstract**

Reaction of 2-(4-aminophenoxy)ethylacetate and maleic anhydride have obtained monoamides maleic acid, cyclization of which acetic anhydride has been synthesized with corresponding maleinimide. Imide by treatment with sulfuric acid has been isolated. The physical and spectral properties of these compounds have been studied.