

# Reaktionen von Isochinolinium-Salzen mit Hydroxylamin-Derivaten, 1. Mitteilung. N-(Nitrophenyl)-substituierte Verbindungen

Reactions of Isoquinolinium Salts with Hydroxylamine Derivatives,  
1st Communication. N-(Nitrophenyl) Substituted Compounds

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Hemiaminal, N-Hydroxyaminal, E/Z-Enamine, Ring-Chain Isomerism, Aminoalkylation

N-(Nitrophenyl) substituted isoquinolinium salts reacted with nucleophiles of the hydroxylamine type to different products depending on the electron withdrawing strength of the substituent. Mononitro compound **8** produced only the cyclic hydroxylamine **9a**, the trinitro-derivative **5** solely the ring cleaved oximes. The dinitro substance **1** held an intermediate position and gave rise to a labile cyclic hydroxylamine and a more stable ring opened Z-enamine; hydroxylamine ethers generated cyclic products which showed in dimethylsulfoxide ring chain isomerism with the tautomers.

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