

Studies With Enamines: Synthesis and Reactivity of 4-Nitrophenyl-1-piperidinostyrene. Synthesis of Pyridazine, Oxadiazole, 1,2,3-Triazole and 4-Aminopyrazole Derivatives

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4-Nitrophenyl-1-piperidinostyrene (**4**) reacts with an aromatic diazonium salt to afford the aryl-hydrazonal **6**. The latter condenses with active methylene compounds to yield pyridazine derivatives, and with hydroxylamine hydrochloride to produce oxadiazole and 1,2,3-triazole derivatives. Compound **12** was reacted with chloroacetonitrile to afford 4-aminopyrazoles **15**.

Key words: 2-Arylhydrazononitriles, Pyridazinimine, Oxadiazole, 1,2,3-Triazole, 4-Aminopyrazoles