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## Synthesis of nitrogen-containing heterocyclic compounds from nitroarenes

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## **Abstract**

The regularities of nitroarenes condensation reactions with arilacetonitriles in alcohols in the presence of the excess of sodium hydroxide; nitrobenzoic and nitrophthalic acids with hydrazine-sulfate and oxalyl dihydrazide in the oleum medium are investigated. The practically valuable compounds of 5-*R*-3-aryl-2,1-benzisoxazole, 2,5-diaryl-1,3,4-oxadiazole, 1,2,3,4-tetrahydro-1,4-phthalazinedione and 5,7,12,14-tetrahydro-phthalazino[2,3-b]phthalazine-5,7,12,14-tetraone, nitroacridinone are obtained.