

٥٤٠	تصنيف ديوى:
.Farahat, Omayma Osman Mahmoud	المؤلف:
/ Studies on nitrogen heterocyclic compounds	العنوان:
Omayma Osman Mahmoud Farahat ; Supervised by .Hassan Mohamed Mokhtar	بيان المسئولية :
: Alexandria	مكان النشر:
،Alexandria University.Faculty of Science	اسم الناشر:
،Omayma Osman Mahmoud Farahat	اسم الناشر:
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Summary This thesis includes three chapters. The first chapter is the introduction which is a eral review of the synthesis of substituted pyrazoles, starting from ten different classes j precursors. These classes of starting materials are diketones, diketone carboxylic acids tzd esters, acetylenic compounds, chalcones, pyrazolines, heterocyclic compounds, imine jerivatives, 3-chlorovinylketones, 1,4-dianions of phenyihydrazones having an a-hydrogen d finally from sugar hydràzones The second chapter is the discussion, which describes the work carried out by the candidate on the synthesis of new acyihydrazones, oxadiazoles, from substituted formyltriazole. Synthesis of new a, - unsaturated ketones, acyihydrazones, arylhydrazones, pyrazolines, pyrazoles, suiphonylureas and suiphonythioureas,	ملخص:

<p>thiazolidinones, thiazinones, 8-unsaturated 1,3-clicarbonyl esters, isoxazole esters, oxyquinoxalines, acyihydrazone esters, pyrazole esters, thiosemicarbazides, thiotriazoles, thiadiazoles, oxadiazoles, thioureas, 2- iminothiazolidinones and 2-iminothiazinones. The structure of these compounds was elucidated by elemental analyses and by using a variety of spectroscopic techniques including infrared, ultraviolet, <sup>1</sup>H NMR and mass spectra.</p> <p>A series of new acylhydrazones (5) (Scheme I) were prepared from condensation of 2-(4-chlorophenyl) -4-formyltriazole with acylhydrazines, which upon dehydrogenation gave 3,5- disubstituted oxadiazoles.</p>	
<p>.Science / - Chemistry</p>	<p>الموضوع:</p>
<p>.Mokhtar, Hassan Mohamed</p>	<p>مؤلف فرعي:</p>