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Barbituric Acid As A Core For Some New Heterocyclic Substituted Derivatives

Shireen Ridha Rasool*, Saadon Abdulla Aowda

Department of Chemistry, College of Science, Babylon University, Hilla, **IRAQ**

Email: shirin200032001@yahoo.com

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ABSTRACT

Different N-heterocyclic substituted derivatives of barbituric acid have been synthesized. The nitrogen atoms have been alkylated first to form N-carboxymethyl followed by cyclization reaction to form heterocyclic/substituted aryl groups. All the synthesized compounds have been identified using I.R, ^{1}H NMR.

Keywords: 5,5-substituted Barbituric acid; Hiburic acid, 1,3-Oxazole, Imidazol, 1,2,4-Triazole, 1,3,4-thiadiazol.