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### **Synthesis of some new N- heterocyclic substituted derivatives of barbituric acid**

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#### **ABSTRACT**

*A series of N-substituted barbital 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, <sup>1</sup>H NMR, <sup>13</sup>C NMR and mass spectroscopy.*

**Keywords:** 5,5-substituted Barbituric acid; Hiburic acid, 1,3-Oxazole, Imidazole, 1,2,4-Triazole, 1,3,4-oxadiazole.

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