

# Synthesis and identification of mono and bicyclic compounds containing dinitrogen atoms as anesthetic

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**Abstract** - In this study, mono and bicyclic compounds [1-8] were synthesized by alkylation of 2-aminothiazoline with carbonyl compounds (succinic acid, chloro acetic acid, 2,5-hexan-dione, 3-chloro propyl chloride), whereas the compounds [9-12] were synthesized by condensation between diketone compounds with (2-amino benzothiazole, guanine). The synthesized compounds structures were characterized by several methods : {(C.H.N)-analysis, FT.IR-spectra, H.NMR-spectra } and melting points.

**Key words** - Bicyclic, Pharmaceutical analgesic

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