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# Design, Synthesis and Antioxidant activity of Quinazoline-based Aminothiazole Hybrids

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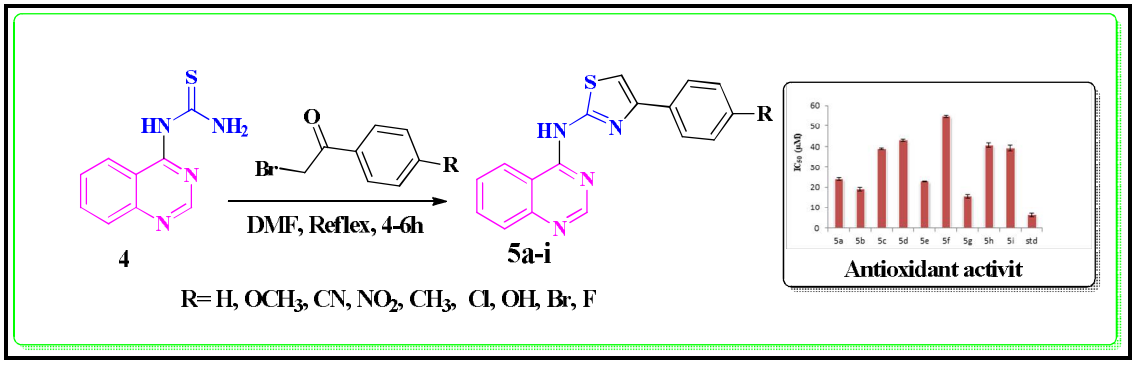
## ABSTRACT

*This research represents the synthesis of a novel series of Quinazoline-based aminothiazole analogues (5a-i). All the synthesized compounds were described using $^{1}H$ NMR, $^{13}C$ NMR, ESI-mass spectrum and elemental analysis. The synthesized compounds were investigated for antioxidant activity. The compounds **5g** and **5b** displayedmore potent antioxidant activity, and **5e** showed good activity when compared with ascorbic acid, as a standard drug.*

## Graphical Abstract




**Keywords:** Quinazoline-based aminothiazole, DPPH, Antioxidant activity.