

## An alternative synthetic approach for 1,3- benzoxazine derivatives

### ABSTRACT

1,3-benzoxazine derivatives were synthesized in high yield using three-step synthetic technique by the condensation of 2-hydroxybenzaldehyde with aromatic amines, reducing the condensation products and replacing the usual formaldehyde with methylene bromide to achieve ring closure. The structures of the benzoxazines were confirmed by FTIR, <sup>1</sup>H and <sup>13</sup>C NMR spectra and Mass spectroscopy.

**Keyword:** 1, 3-Benzoxazine derivative; Synthesis; Methylene bromide; 2-hydroxybenzaldehyde; Aromatic amines; Condensation; Characterization