



## Synthesis of Novel Quinoline Derivatives

**D. Rambabu,<sup>1</sup> S. Kiran kumar,<sup>1</sup> ASG. Prasad,<sup>2</sup> M.Sivanadh,<sup>3</sup> M.V. Basaveswara Rao\*<sup>2</sup>**

<sup>1</sup>Department of Chemistry, K L University, Vaddeswaram, Guntur-522502, A. P, India

<sup>2</sup>Department of Chemistry, Krishna University, Machilipatnam-521001, A. P, India

<sup>3</sup>Department of Chemistry, AN R College, Gudivada, A.P, India

E-mail: [professormandava@gmail.com](mailto:professormandava@gmail.com)

---

### ABSTRACT

*The thrust in the synthesis of various quinolone derivatives is increasing due to the potential biological profiles exhibited by these molecules. So synthesis of quinoline derivatives by reacting mesylated 2-(3-(hydroxymethyl)quinolin-2-yl)phenol with substituted aromatic amines and anilines is planned successfully with good yield. All the compounds synthesized were well characterized by spectral (NMR and MS) and analytical data.*

**Keywords:** Quinoline, 2-(3-(hydroxymethyl) quinolin-2-yl) phenol, Aromatic amines.

---