



Synthesis of Novel Quinoline Derivatives

D. Rambabu,¹ S. Kiran kumar,¹ ASG. Prasad,² M.Sivanadh,³ M.V. Basaveswara Rao*²

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

²Department of Chemistry, Krishna University, Machilipatnam-521001, A. P, India

³Department of Chemistry, AN R College, Gudivada, A.P, India

E-mail: 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.
