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Synthesis of Novel Quinoline Derivatives

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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.
