

عنوان مقاله:

One-pot Synthesis of Pyrono [۲,۳] Quinoline via the Tandem Cyclization of Algar-Flyn-Oyamanda Reactions

محل انتشار:

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خلاصه مقاله:

A new and imaginative technique for the synthesis of substituted pyranoquinoline via Algar Flyn Oyamanda oxidation cyclization approach has been achieved by hydrogen peroxide and sodium hydroxide catalyzed of quinoline chalcone with intramolecular cyclization to formed pyranoquinoline. In this reaction, two new C-C bonds were formed in a one step with high atom economy. The possible reaction pathway for the formation of the products was also discussed in greener technique this paper.

کلمات کلیدی:

Algar-Flyn-Oyamanda oxidation, Pyranoquinoline, Intramolecular cyclization, Greener technique

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