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Synthesis of N, N'-Disubstituted Ureas from Biuret And Anilines

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ABSTRACT

Symmetrical N, N'- disubstituted ureas have been synthesized from biuret and anilines. The urea products were obtained in good to excellent yields under solvent-free conditions. A variety of anilines were reacted with biuret in 1:2 molar ratio to give the corresponding ureas. These included aniline, p-toluidine, anisidine, o-phenylenediamine, phenylhydrazine etc.

Keywords: N, N'- disubstituted ureas, biuret, anilines, Dry media, MW.
