

Peculiarities of the reaction of sterically hindered nitrones with Grignard reagents

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Abstract

New routes of the interaction of Grignard reagents with sterically hindered nitrones pyrroline *N*-oxide series have been founded. The addition of organometallic compound was shown to proceed to formally non-activated double carbon-carbon bond with preservation of C=N at the same molecule. Hypothetical mechanism of this reaction was proposed.