



4-Isocyano-2,2,6,6-tetramethylpiperidin-1-oxyl: a valuable precursor for the synthesis of new nitroxides.

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Streszczenie

To enrich the limited set of isonitriles typically employed, 4-isocyano-2,2,6,6-tetramethylpiperidin-1-oxyl (**1**) is proposed as an isonitrile bearing a nitroxyl moiety. Isocyanide **1** was used in some reactions characteristic of isonitriles. Isoselenocyanate, amides (products of Passerini and Ugi reactions), and tetrazole derivative were obtained. The EPR spectra of the urea derivative **5b** and a product of an Ugi reaction **7** (both dinitroxides) were analyzed.

Słowa kluczowe

Aromatic compounds, Electron paramagnetic resonance spectroscopy, Hydrocarbons, Inorganic carbon compounds, Solvents

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