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
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Synthesis of n-Alkylnaphthalenes via Semicarbazones

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 [Keywords](#)
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Abstract: A number of 1-n-alkylnaphthalenes were prepared via the respective semicarbazones. The semicarbazones were reduced by modified Wolff-Kishner reductions to give 1-n-alkylnaphthalenes in excellent yields as manageable yellow or orange viscous oils. The semicarbazones were prepared from ketones, which are the addition products of Grignard reagents to nitriles. This study offers an excellent preparative method for the synthesis of 1-n-alkylnaphthalenes from semicarbazones, via a 3-step procedure.

Key Words: Alkylnaphthalenes, Semicarbazones, Wolff-Kishner reductions, Alkyl-1-naphthyl ketones, Grignard reaction



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