

This article was downloaded by:

On: 30 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



Phosphorus, Sulfur, and Silicon and the Related Elements

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713618290>

Synthesis and Reactivity of Substituted N-Hydroxy-1,4-dihydro-1,4-azaphosphorins

J. Skolimowski^a; R. Skowronski^a; M. Simalty^b

^a Institute of Chemistry, University of Łódź, Łódź, Narutowicza, Poland ^b Chimie du Phosphore et des Métaux de Transition, Lab. Commun CNRS-SNPE, Thiais, France

To cite this Article Skolimowski, J. , Skowronski, R. and Simalty, M.(1987) 'Synthesis and Reactivity of Substituted N-Hydroxy-1,4-dihydro-1,4-azaphosphorins', *Phosphorus, Sulfur, and Silicon and the Related Elements*, 30: 3, 804

To link to this Article: DOI: 10.1080/03086648708079296

URL: <http://dx.doi.org/10.1080/03086648708079296>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

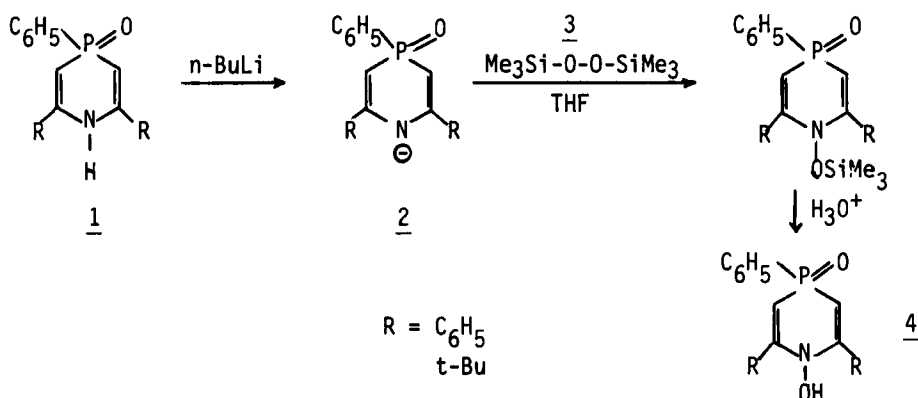
Synthesis and Reactivity of Substituted N-Hydroxy-1,4-dihydro-1,4-azaphosphorins

J. Skolimowski*, R. Skowronski, M. Simalty[†]

Institute of Chemistry, University of Łódź, 90-136 Łódź, Narutowicza 68,
Poland

[†]Chimie du Phosphore et des Métaux de Transition, Lab. Commun CNRS-SNPE,
2-8 rue H. Dunant, 94320 Thiais, France

The synthesis of substituted N-hydroxy-1,4-dihydro-1,4-azaphosphorins 4 has been carried out by adding the di(trimethylsilyl)peroxide 3 to the anion 2 generated from the addition of n-butyllithium to compound 1.



The obtained cyclic hydroxylamines 4 were characterized from their spectroscopic data. The chemical reactivity of compound 4 will be discussed.