

# Accepted Manuscript

Research paper

Phosphoramidite Complexes of Pd(II), Pt(II) and Rh(I): An Effective Hydrosilylation Catalyst of 1-Hexyne and 1-Octene

Hannah K. Carroll, Fraser G.L. Parlane, Noah Reich, Benson J. Jelier, Craig D. Montgomery

PII: S0020-1693(17)30193-7  
DOI: <http://dx.doi.org/10.1016/j.ica.2017.04.065>  
Reference: ICA 17610

To appear in: *Inorganica Chimica Acta*

Received Date: 17 February 2017  
Revised Date: 11 April 2017  
Accepted Date: 12 April 2017

Please cite this article as: H.K. Carroll, F.G.L. Parlane, N. Reich, B.J. Jelier, C.D. Montgomery, Phosphoramidite Complexes of Pd(II), Pt(II) and Rh(I): An Effective Hydrosilylation Catalyst of 1-Hexyne and 1-Octene, *Inorganica Chimica Acta* (2017), doi: <http://dx.doi.org/10.1016/j.ica.2017.04.065>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Phosphoramidite Complexes of Pd(II), Pt(II) and Rh(I): An Effective  
Hydrosilylation Catalyst of 1-Hexyne and 1-Octene**

Hannah K. Carroll<sup>a</sup>, Fraser G.L. Parlane<sup>a,c</sup>, Noah Reich<sup>a</sup>, Benson J. Jelier<sup>b,d</sup>, Craig D.

Montgomery<sup>a\*</sup>,

Dept. of Chemistry, Trinity Western University, 7600 Glover Road, Langley, B.C., V2Y 1Y1

Canada

(\*for corresponding author: phone: (604) 513-2121 ext. 3210 fax: (604) 513-2018 e-mail:

montgome@twu.ca)

Dept. of Chemistry, Simon Fraser University, 8888 University Drive, Burnaby, B.C., V5A 1S6

Canada

<sup>a</sup> Trinity Western University

<sup>b</sup> Simon Fraser University

<sup>c</sup> Current address: Department of Chemistry, UBC Faculty of Science, 2036 Main Mall,  
Vancouver, B.C., Canada V6T 1Z1

<sup>d</sup> Current address: Laboratorium für Anorganische Chemie, ETH Zürich, Vladimir-Prelog Weg  
2, 8093 Zürich, Switzerland

Download English Version:

<https://daneshyari.com/en/article/5151662>

Download Persian Version:

<https://daneshyari.com/article/5151662>

[Daneshyari.com](https://daneshyari.com)