



Short Communication

**Synthesis And Characterization of New Organotriethoxysilanes
Via Aza-Michael Addition Of γ -Aminopropylsilanes To
Substituted N-Phenylmaleimides**

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ABSTRACT

An efficient method for C-N bond formation via aza-Michael addition of γ -aminopropylsilanes to substituted N-phenylmaleimides under mild conditions has been described. The five organotriethoxysilanes enclosing maleimide moiety have been synthesized without using any catalyst. All the compounds have been characterized by elemental analysis and spectroscopic techniques [IR and NMR (¹H, ¹³C)].

Keywords: Aza-Michael addition reaction, N-phenylmaleimides, organotriethoxysilanes.
