



**Short Communication**

**Synthesis and Characterization of Silatranes Possessing  
Biphenylcarboxylate as Exocyclic Substituent**

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**ABSTRACT**

*(4-biphenylcarboxylate)triethoxysilane 2 was synthesized by the reaction of chlorotriethoxysilane 1 and 4-biphenylcarboxylic acid. New silatranes possessing 4-biphenylcarboxylate as exocyclic substituent 3-6 were prepared by the transesterification reaction of silane 2 with different tripodal ligands. The structures of these silatranes 3-6 have been established by elemental analyses, spectroscopic techniques (IR, <sup>1</sup>H and <sup>13</sup>C NMR) as well as by mass spectrometry.*

**Keywords:** Silatranes, Silane, Biphenylcarboxylate, Chlorotriethoxysilane.

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