SYNTHESIS AND PROPERTIES OF A STERICALLY CROWDED TRIARYLPHOSPHINE BEARING AN ESTER GROUP

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**Supplemental Materials**

1H, 13C, and 31P NMR, IR, and FT-ICR-MS spectra of triarylphosphine **5**



**Figure S 1.** 1H NMR (500 MHz, CDCl3, 299.9 K) spectrum of ester **5**.

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**Figure S 2.** 13C NMR (126 MHz, CDCl3, 300.7 K) spectrum of ester **5**.

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**Figure S 3.** 31P NMR (202 MHz, CDCl3, 300.3 K) spectrum of ester **5**.





**Figure S 4.** IR spectrum of ester **5** (KBr pellet).



**Figure S 5.** FT-ICR-MS (ESI, positive) spectrum of ester **5**. An observed spectrum and simulated spectra for [*M*]+, [*M*+Na]+, and [*M*+K]+ from the top to the bottom..