Supporting Information for

Synthesis, Stereochemistry, Bonding and Fluxionality of 2-(Inden-3-yl)phenols and their Cyclopentadienyl Titanium Derivatives.

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 $C_{32}H_{36}O_2$

 $HOC_6H_2\{C_9H_6Me-2\}-2-Bu_2^t-4,6$ **2**

 $HOC_6H_2\{C_9H_5Me_2-1,2\}-2-Bu_2^t-4,6$ 3

 $HOC_6H_2\{C_9H_4Me_3-2,4,7\}-2-Bu_2^t-4,6$ 4

 $[CpTi(OC_6H_2\{C_9H_7\}\text{-}2\text{-}Bu^t_2\text{-}4,6)Cl_2]~\textbf{7}.$

 $[CpTi(OC_6H_2\{C_9H_6Me-2\}-2-Bu_2^t-4,6)Cl_2]$ 8

[CpTi(OC₆H₂{C₉H₅Me₂-1,2}-2-Bu $^{t}_{2}$ -4,6)Cl₂] **9**

 $[CpTi(OC_6H_2\{C_9H_4Me_3-2,4,7\}-2-Bu^t_2-4,6)Cl_2]$ **10**

 $[CpTi(OC_6H_2\{C_9H_7\}-2-Bu^t_2-4,6)(\mu-Cl)]_2$ 11

 $[CpTi(OC_6H_2\{\eta^5\text{-} C_9H_6\}\text{-}2\text{-}Bu^t_2\text{-}4,6)Cl]~\textbf{13}$