



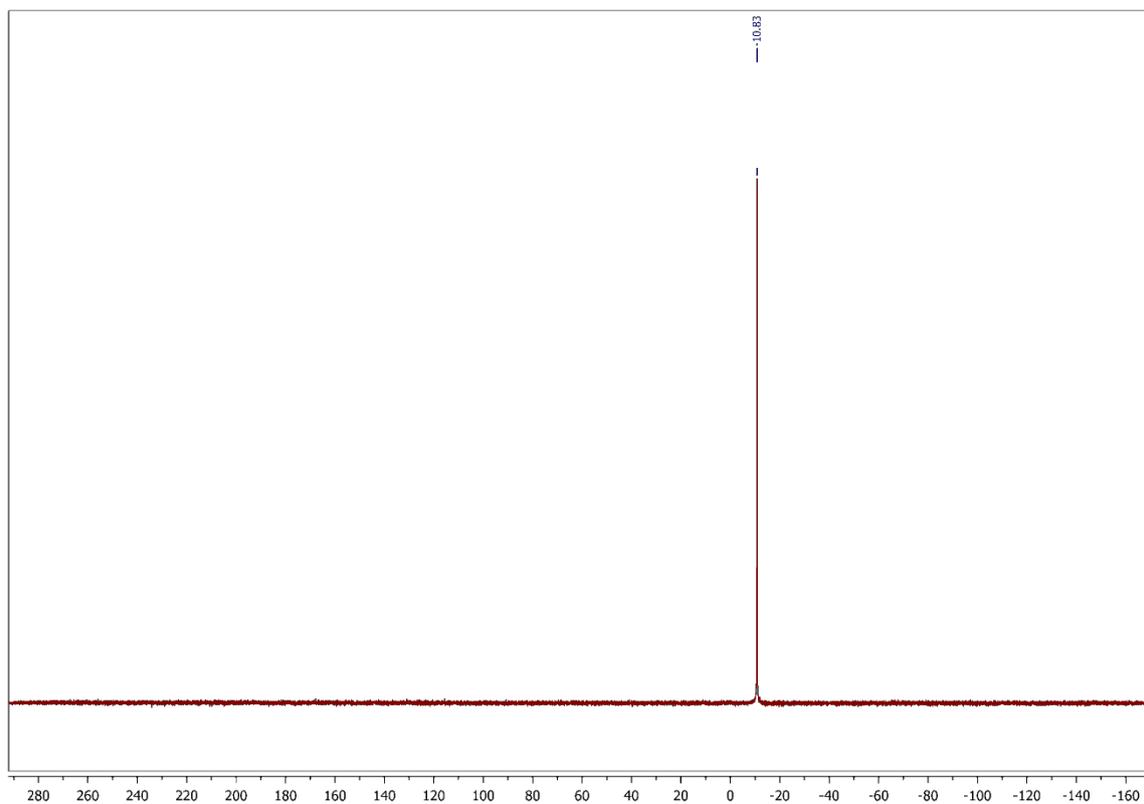
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Supporting information for article:

Dinuclear neodymium and lanthanum bis(2,6-diisopropylphenyl) phosphate complexes bearing an hydroxide ligand: catalytic activity of the Nd complex in 1,3-diene polymerization

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S1. $^{31}\text{P}\{^1\text{H}\}$ NMR spectra of La organophosphate products**Figure S1** $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of $\text{La}[(2,6\text{-}^{13}\text{Pr}_2\text{C}_6\text{H}_3\text{-O})_2\text{POO}]_3(\text{H}_2\text{O})_{5.5}$ at 161 MHz in CDCl_3 .

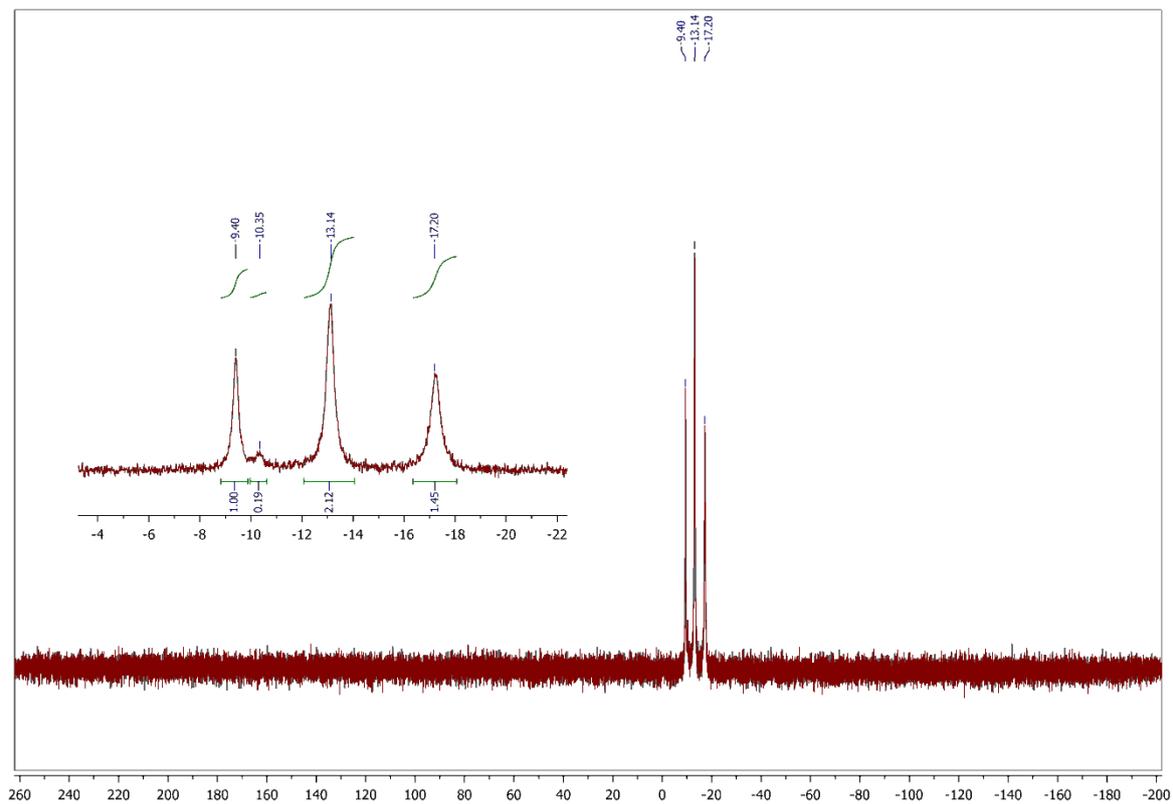


Figure S2 $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of the solid after vacuum drying of $\text{La}[(2,6\text{-iPr}_2\text{C}_6\text{H}_3\text{-O})_2\text{POO}]_3(\text{H}_2\text{O})_{5.5}$ at 162 MHz in CDCl_3 .

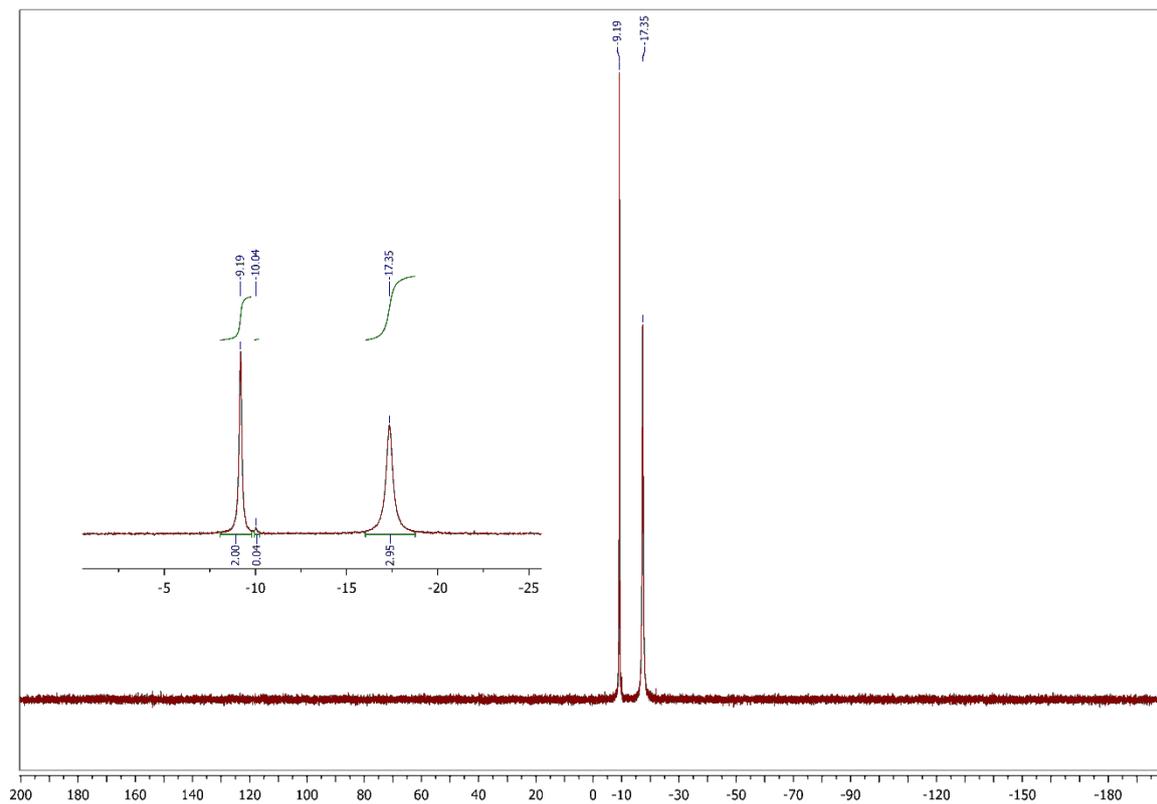


Figure S3 $^{31}\text{P}\{^1\text{H}\}$ NMR spectrum of $\{\text{La}_2[(2,6\text{-}^i\text{Pr}_2\text{C}_6\text{H}_3\text{-O})_2\text{POO}]_5(\text{H}_2\text{O})_2(\text{OH})\}\cdot 2(\text{hexane})$ at 162 MHz in CDCl_3 .