

A new small molecule gelator and 3D framework ligator of lead(II)

Jane V. Knichal, William J. Gee, Andrew D. Burrows,* Paul R. Raithby* and
Chick C. Wilson*

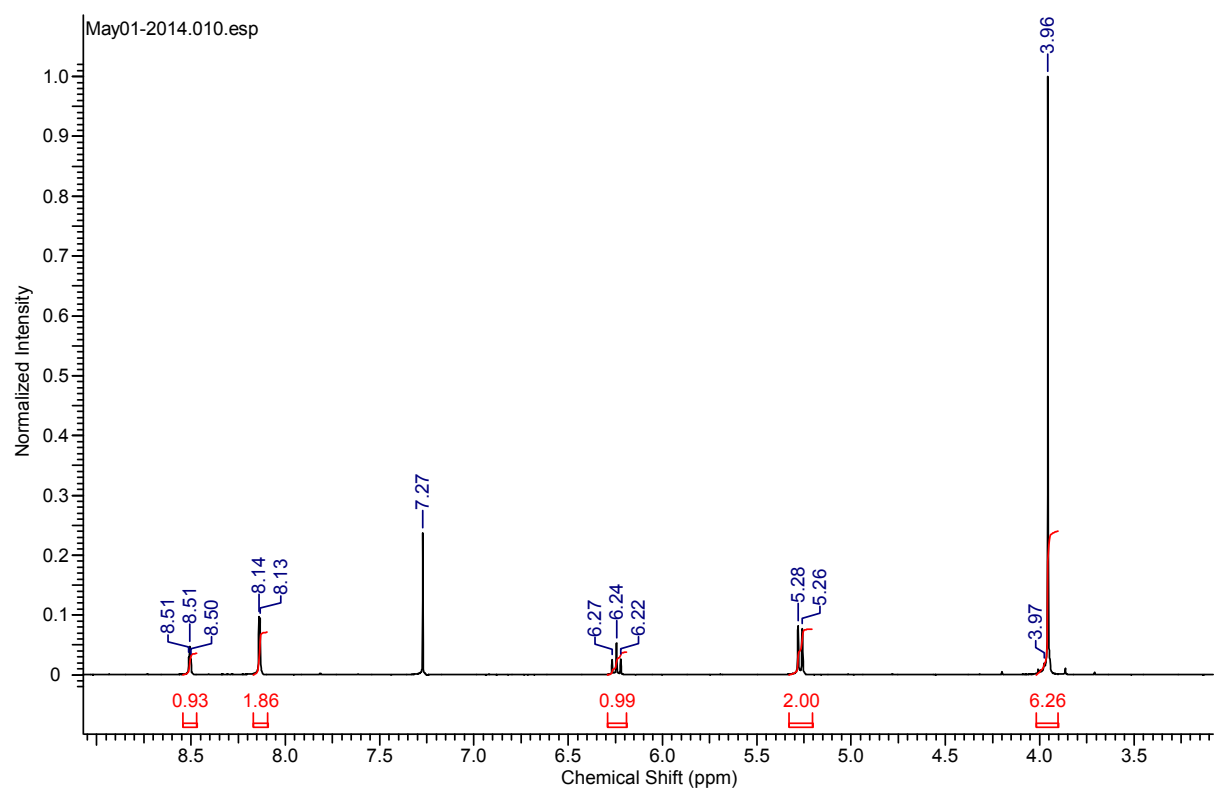
*Department of Chemistry
University of Bath
Claverton Down, Bath, BA2 7AY*

Supporting Information

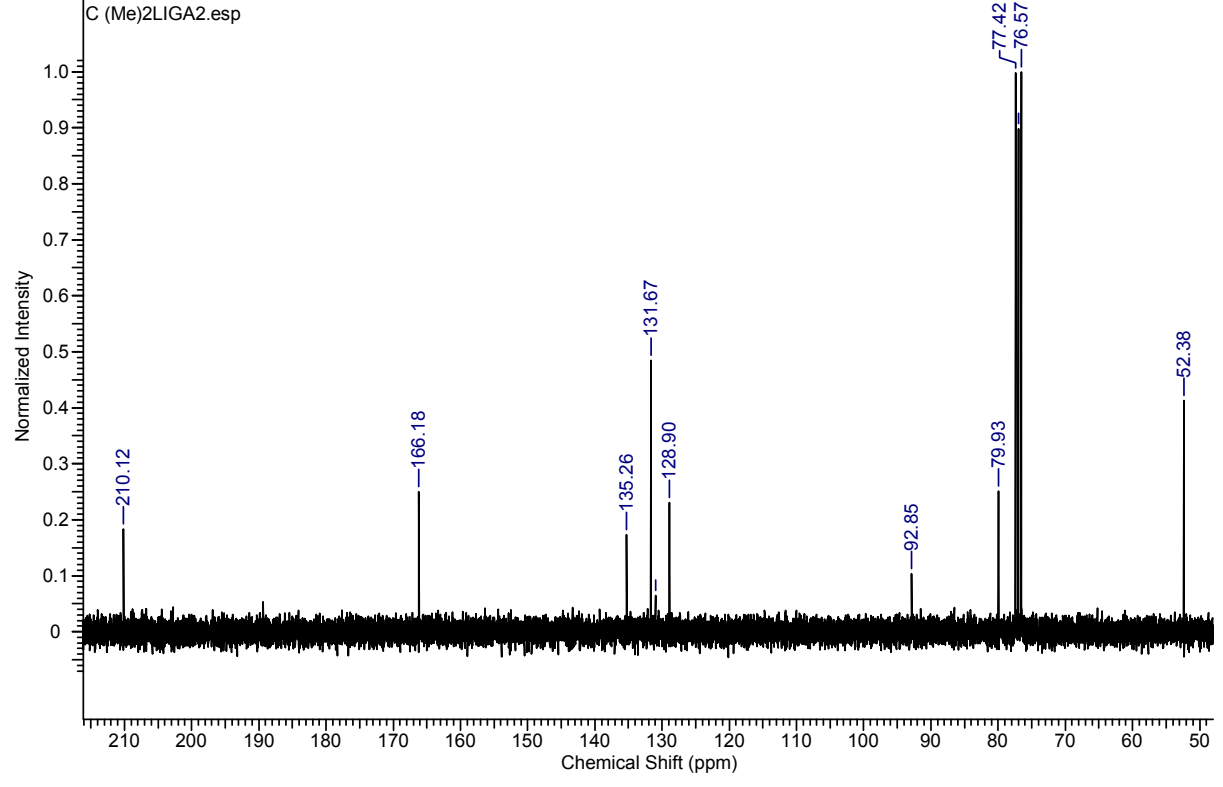
* To whom correspondence should be addressed.

Email: C.C.Wilson@bath.ac.uk Telephone: +44 (0) 1225 386143

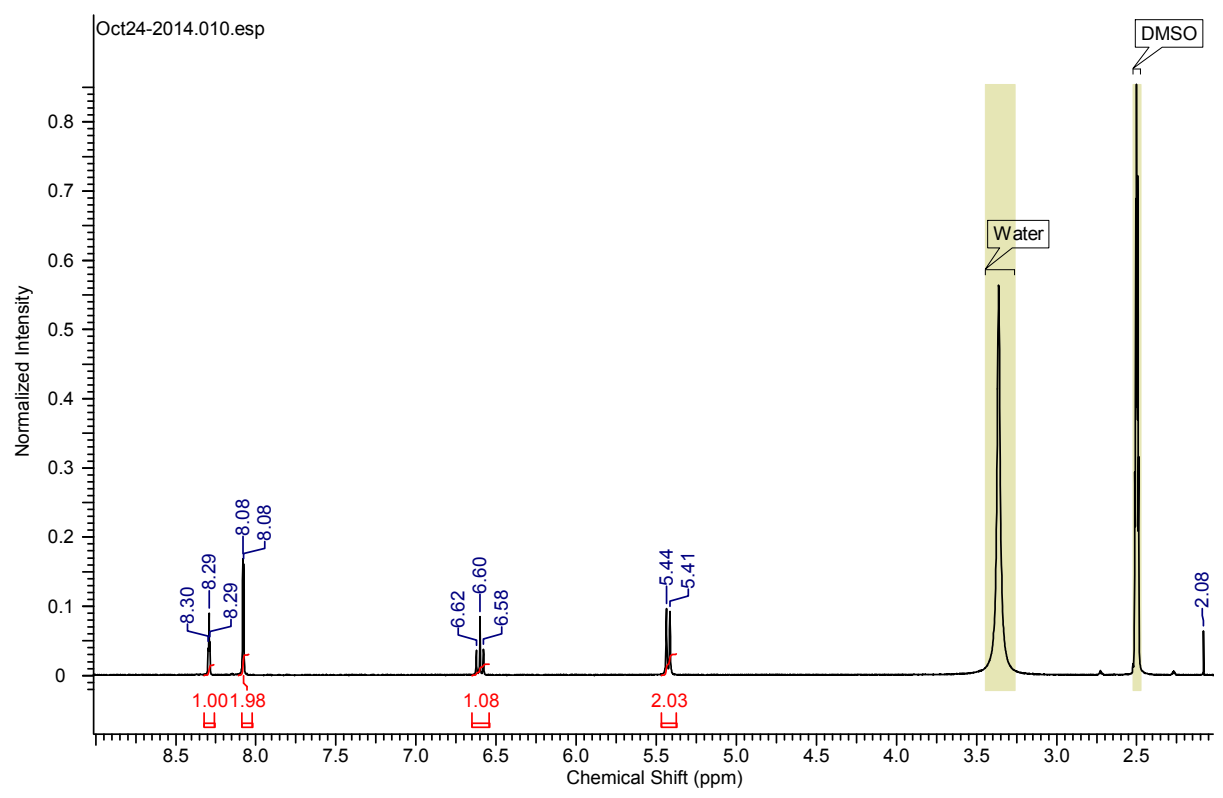
S1: ¹H-NMR Spectrum of Me₂abd (CDCl₃)



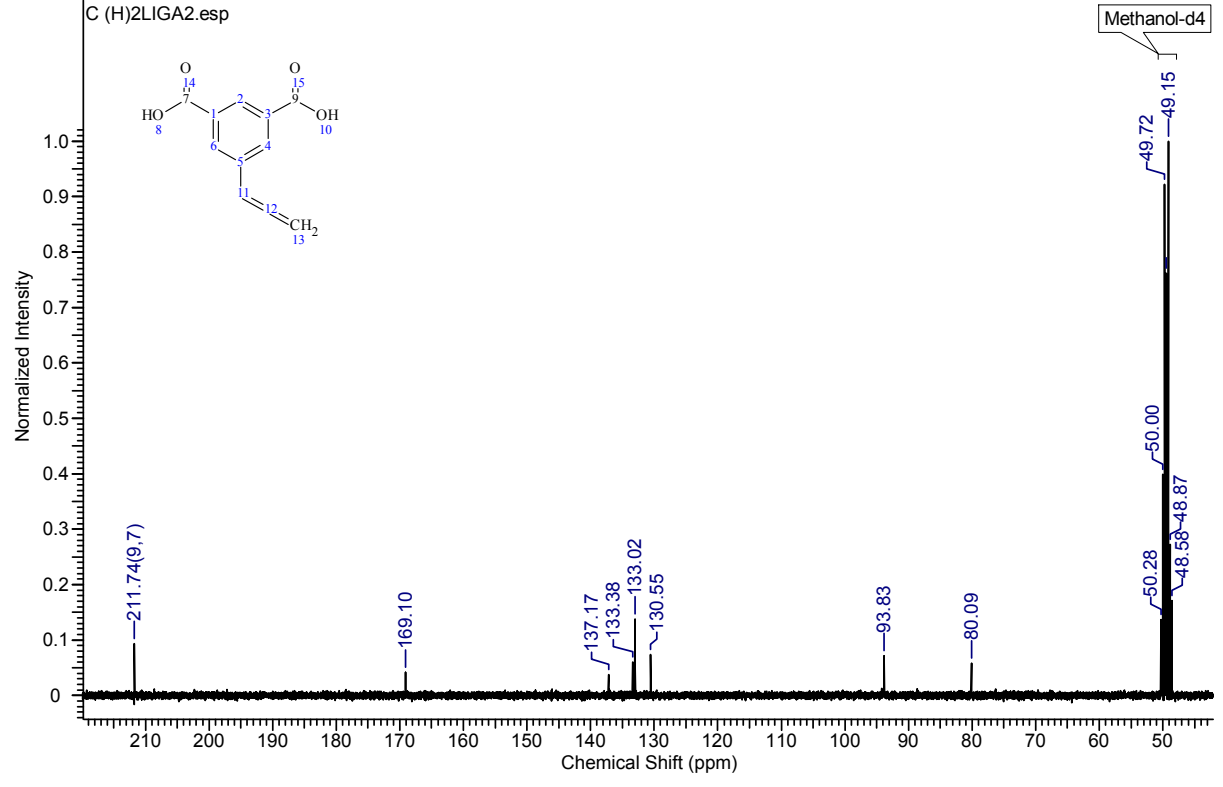
S2: ¹³C-NMR Spectrum of Me₂abd (CDCl₃)



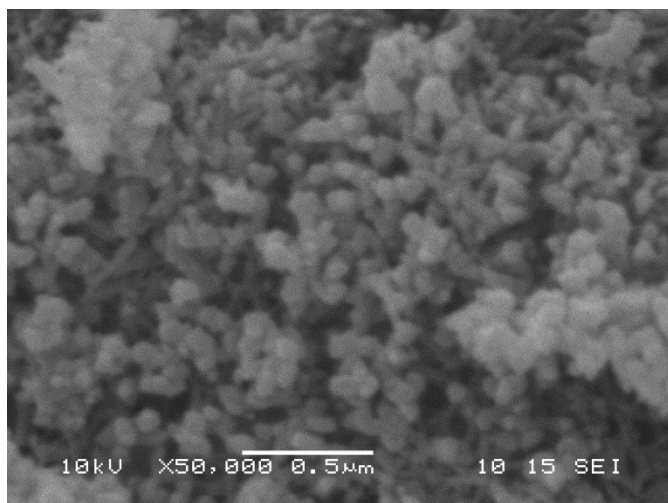
S3: ¹H-NMR Spectrum of H₂abd (DMSO-d₆)



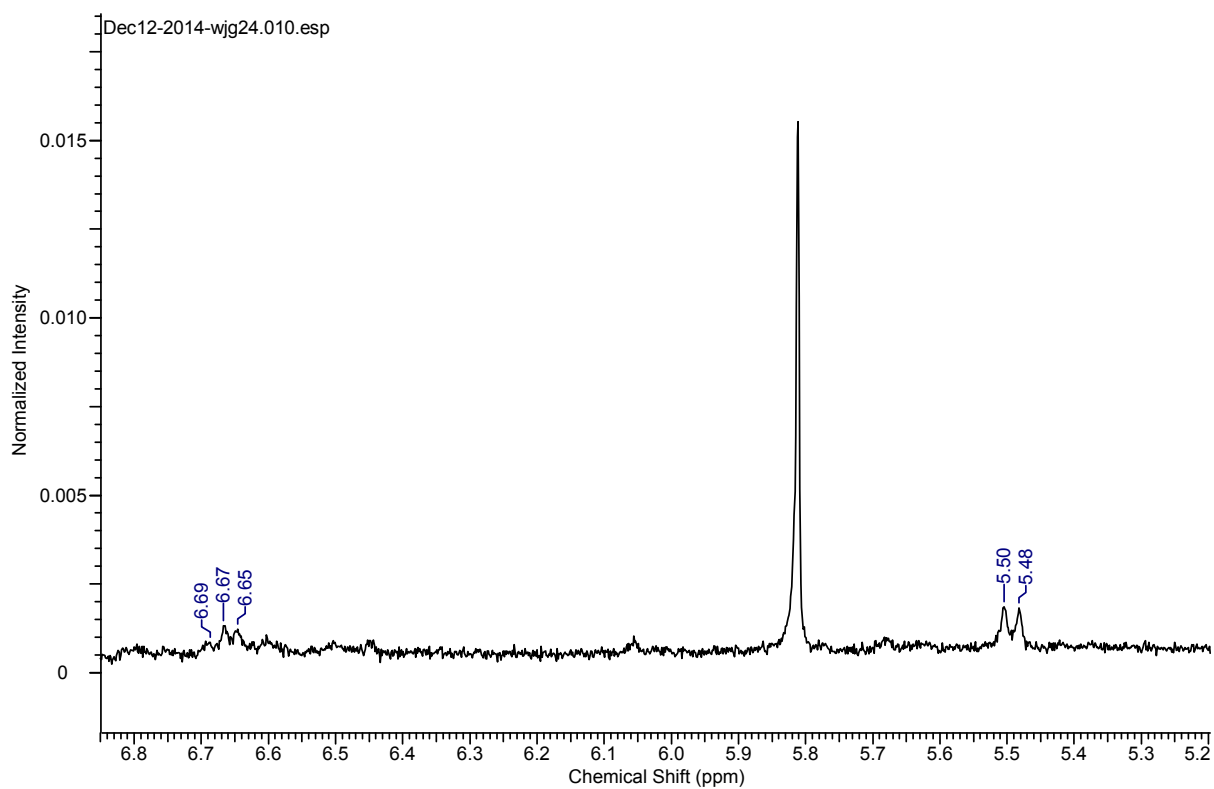
S4: ¹³C-NMR Spectrum of H₂abd (CD₃OD)



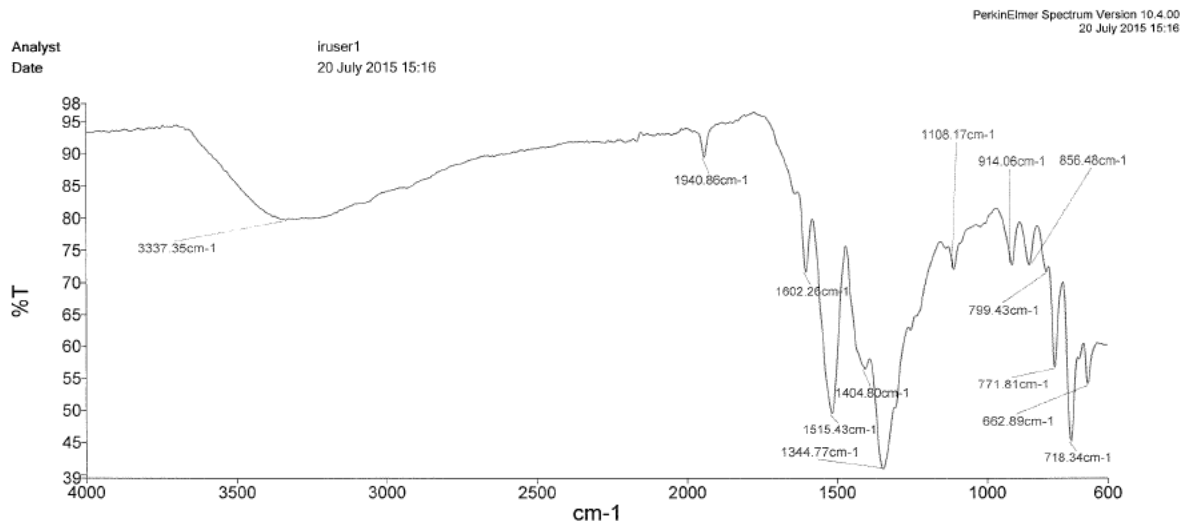
S5: 50,000X magnification view of the Worm-like Morphology



S6: ¹H-NMR Spectrum digested 1% gel (expansion allene region) (DMSO-d6 + DCI)

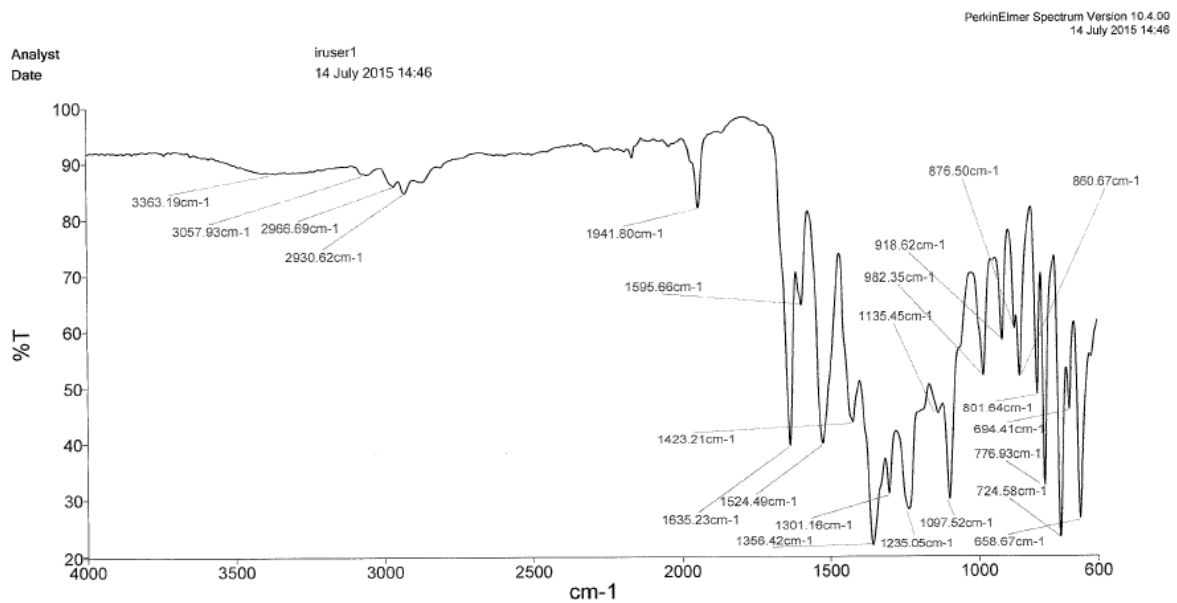


S7: Dried Gel 1 IR spectrum



Sample Name	Description	Quality Checks
iruser1 83	Sample 083 By iruser1 Date Monday, July 20 2015	The Quality Checks do not report any warnings for the sample.

S8: Crystalline 2 IR spectrum



iruser1 22 Sample 022 By iruser1 Date Tuesday, July 14 2015