

## SUPPORTING INFORMATION

### Chiral *N*-phosphonyl imine chemistry: an efficient asymmetric synthesis of chiral *N*-phosphonyl propargylamines

Parminder Kaur,<sup>a</sup> Gaurav Shakya,<sup>a</sup> Hao Sun,<sup>b</sup> Yi Pan<sup>\*b</sup> and Guigen Li<sup>\*\*a</sup>

*Department of Chemistry and Biochemistry, Texas Tech University, Lubbock, Texas 79409-1061; Fax: 806-742-3015; E-mail: [guigen.li@ttu.edu](mailto:guigen.li@ttu.edu);*

*<sup>b</sup>School of Chemistry and Chemical Engineering, and the State Key Lab of Coordination Chemistry, Nanjing University, Nanjing 210093, PR China; Fax: 86-25-83314502; E-mail: [yipan@nju.edu.cn](mailto:yipan@nju.edu.cn).*

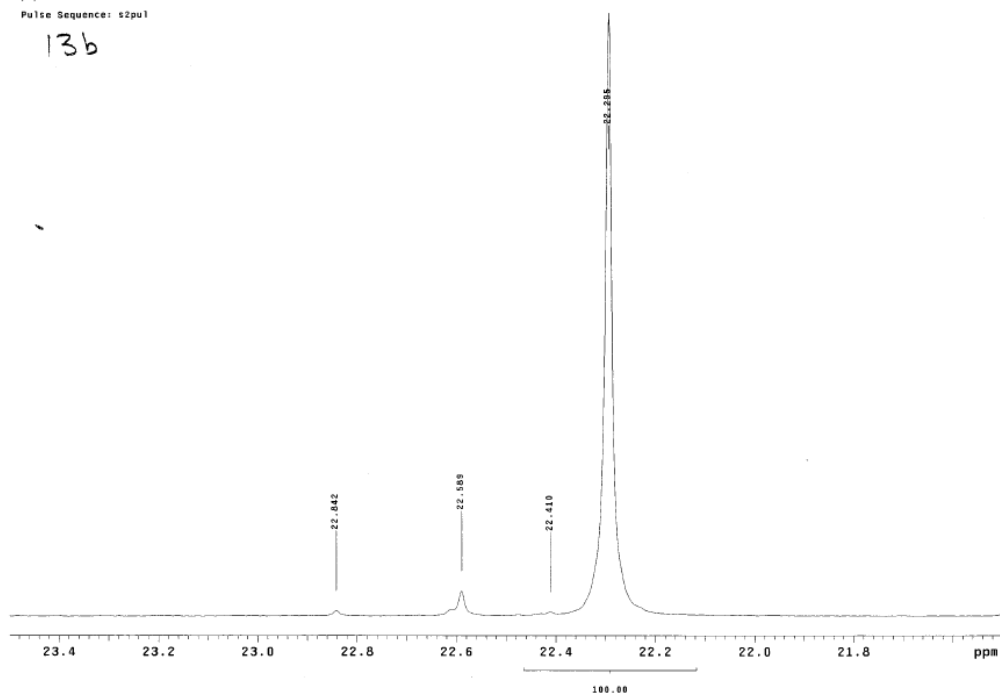
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<sup>31</sup>P-NMR spectra for compounds 17 (p. 4), 18 (p. 4), 19 (p. 5), 20 (p. 5), 21(p. 6), 23 (p. 6) and 26 (p. 7)

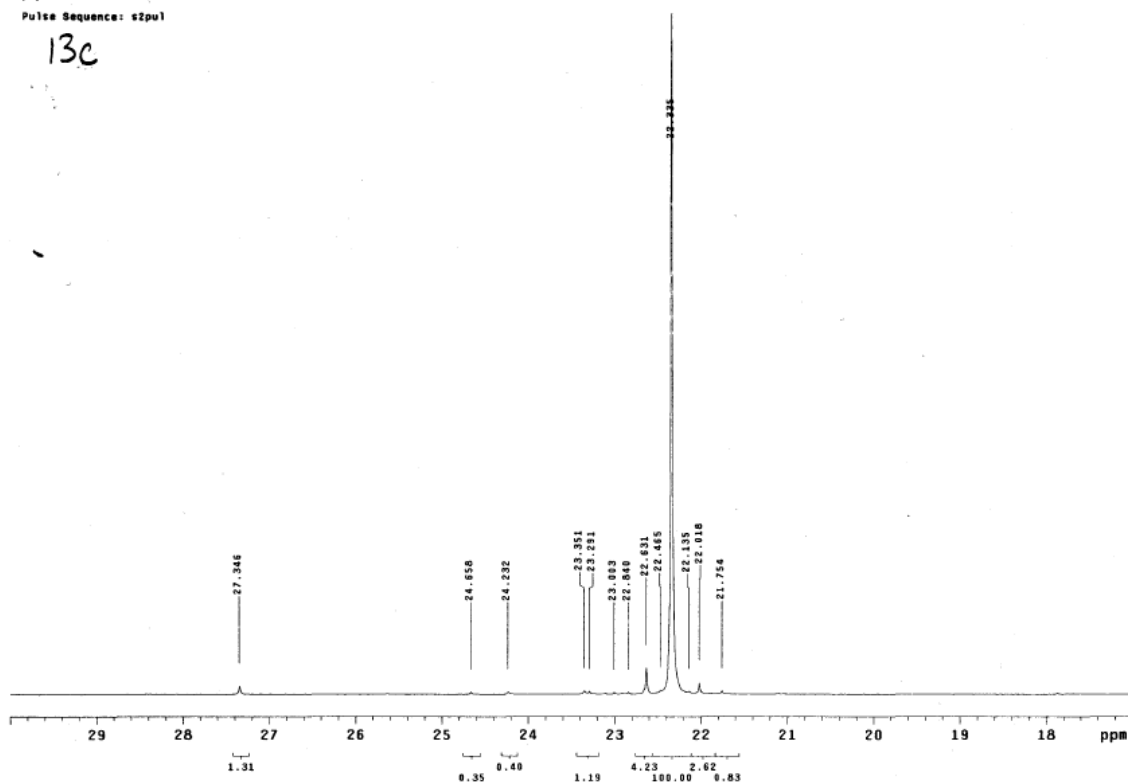
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13b

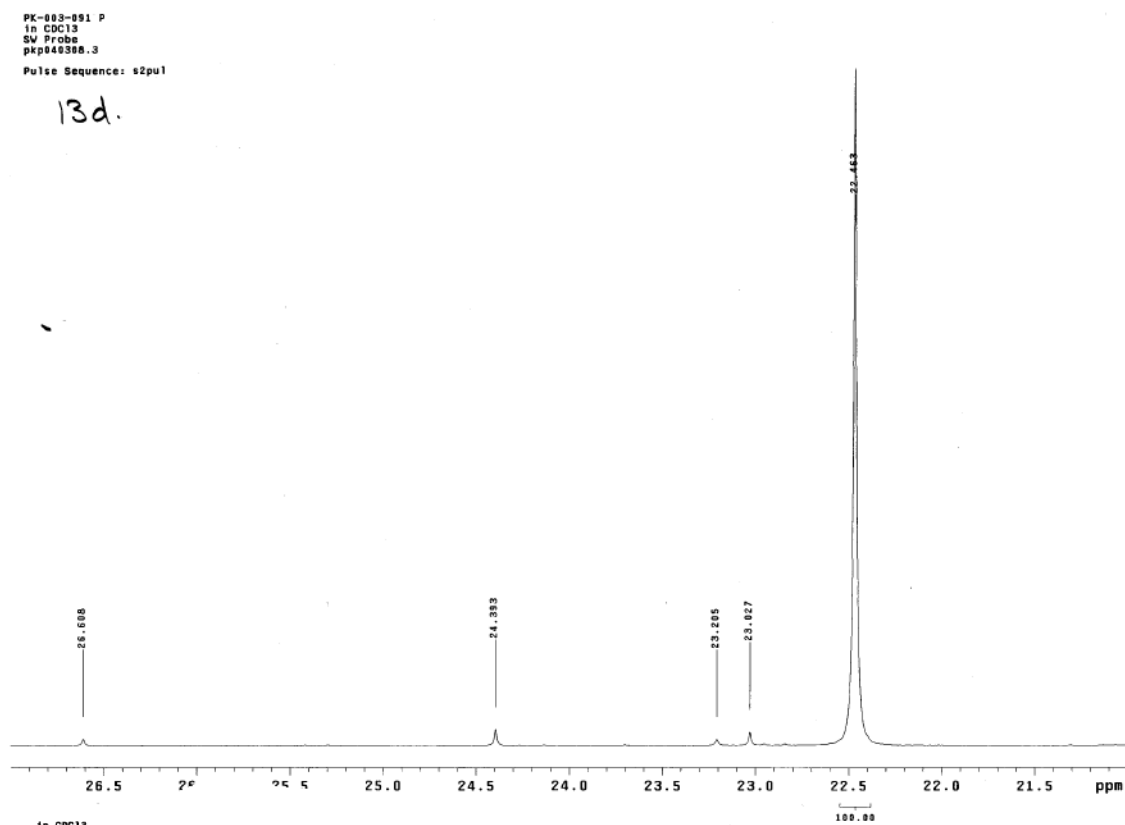


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13c



13d



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13e

