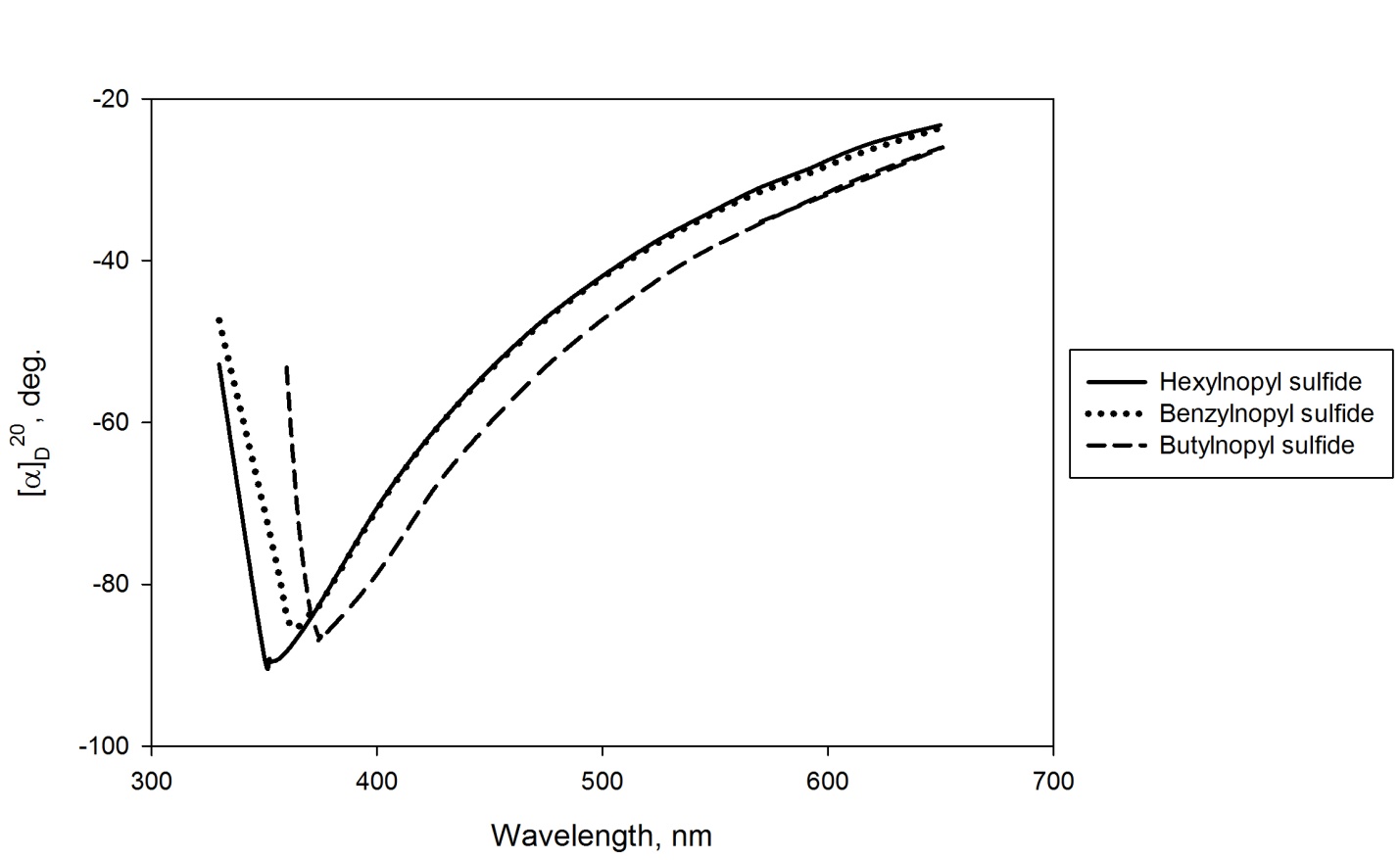
First study of Rhodium(I) complexes with chiral sulfur-containing terpenoids as catalytic systems for ketone hydrosilylation

Vladimir M. Uvarova, Dimitry A. de Vekkia

aDepartment of Chemical Technology of Polymers. St. Petersburg State Instituteof Technology, St. Petersburg, Russia

Email: [vladi.uvarov@yandex.ru](mailto:vladi.uvarov@yandex.ru)

**Supplemental Materials**



**Figure S 1:** Optical rotatory dispersion of (1*R*)-hexyl-, benzyl- and butylnopyl sulfides

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**Figure S 2:** 1H NMR spectrum of (1*S*)-camphorsulfonic acid chloride

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**Figure S 3:** 1H NMR spectrum of (1*S*)-10-camphorthiol

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**Figure S 4:** 13С NMR spectrum of (1*S*)-10-camphorthiol

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**Figure S 5:** 1H NMR spectrum of tosylate of (1*R*)-nopol

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**Figure S 6:** 1H NMR spectrum of (1*R*)-butylnopyl sulfide

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**Figure S 7:** 13C NMR spectrum of (1*R*)-butylnopyl sulfide

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**Figure S 8:** 1H NMR spectrum of (1*R*)-hexylnopyl sulfide

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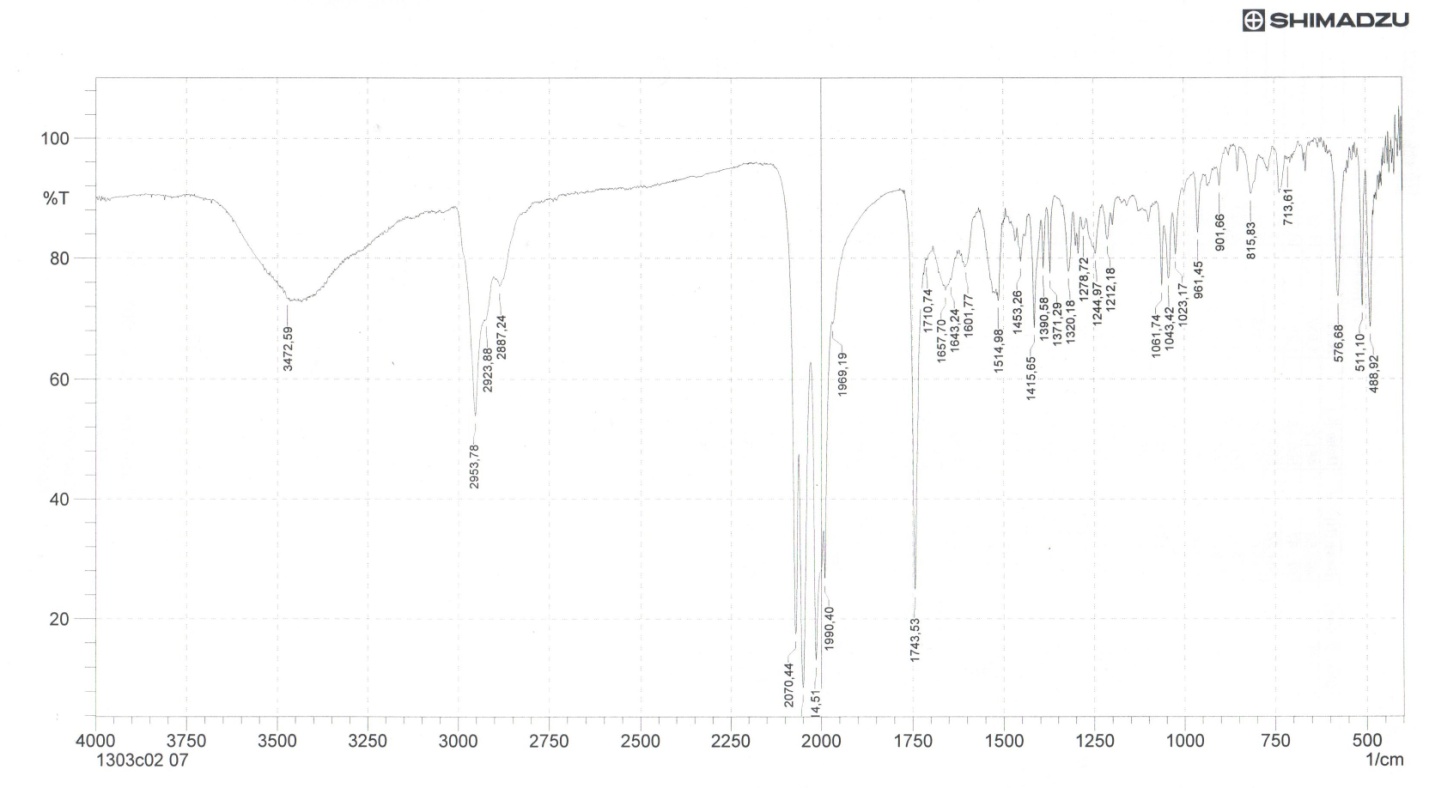
**Figure S 7:** 13C NMR spectrum of (1*R*)-hexylnopyl sulfide

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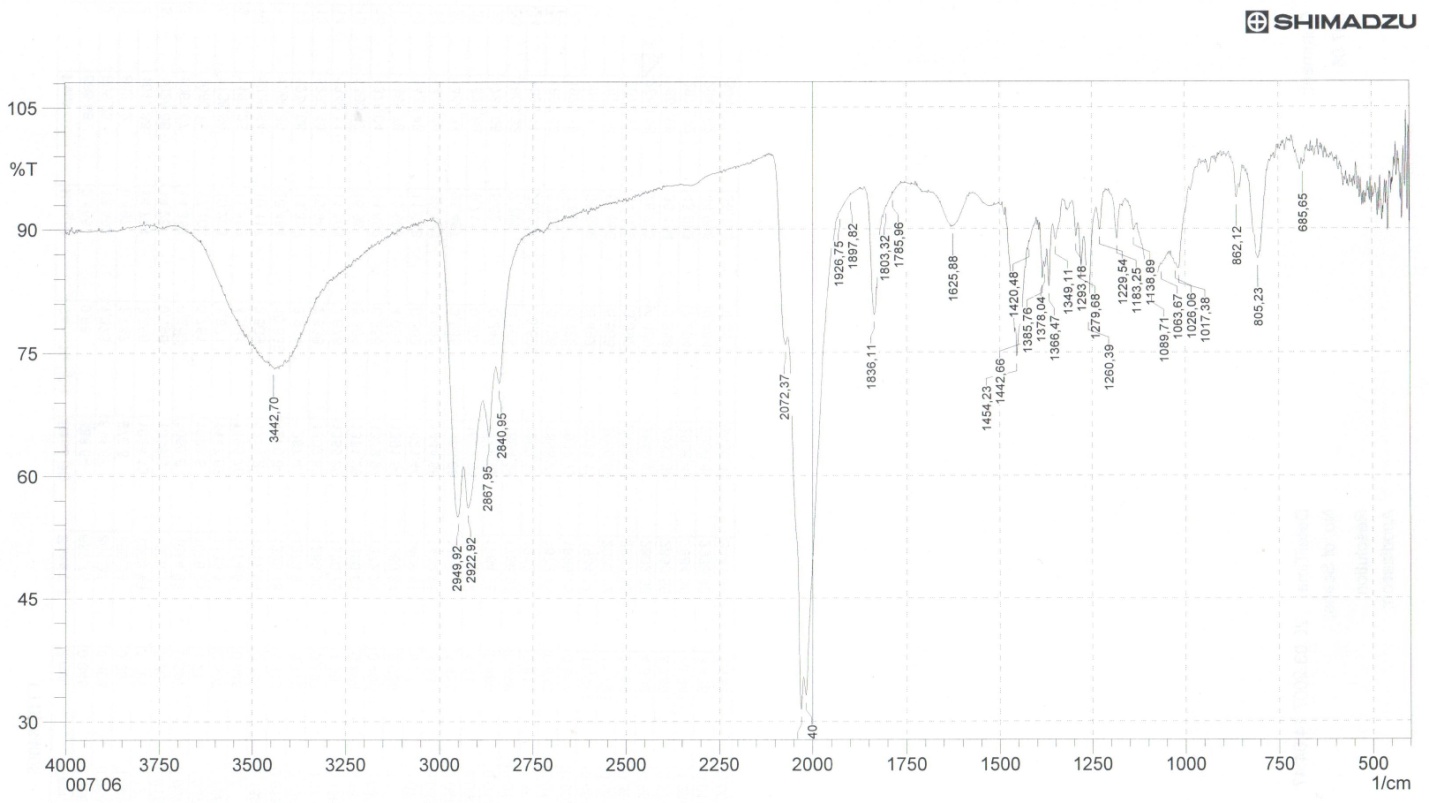
**Figure S 8:** 1H NMR spectrum of (1*R*)-benzylnopyl sulfide

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**Figure S 9:** 13C NMR spectrum of (1*R*)-benzylnopyl sulfide



**Figure S 10:** IR spectrum of bis-*μ*-di[(+)-10-camphrothiolato]dicarbonylrhodium(I)



**Figure S 11:** IR spectrum of bis-μ-di[(+)-neomenthylthiolato]dicarbonylrhodium(I)

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**Figure S 12:** 1H NMR spectrum of Bis-*μ*-di[(+)-10-camphrothiolato]dicarbonylrhodium(I)

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**Figure S 13:** 13С NMR spectrum of Bis-*μ*-di[(+)-10-camphrothiolato]dicarbonylrhodium(I)