

Supporting Information

Synthesis of First Sulphur-Containing Platinum(II) Alkenylaryalkynyl Complexes by
Photoirradiation

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Contents

¹H NMR and ³¹P NMR spectra for compounds: **2a-2d**

General	S 2
1) 2a	S3-S5
2) 2b	S6-S7
3) 2c	S8-S9
4) 2d	S10-S11

General:

NMR spectra were recorded with a JEOL JNM-ECX 400 or JEOL JNM-ECS 400FT NMR spectrometer in deuterated chloroform solvent. ¹H NMR spectra were referenced to internal TMS, and ³¹P NMR spectra were referenced to external trimethylphosphite. Deuterated chloroform have trace amount of water and peak observed near 1.57 ppm. Platinum complexes (**2a**, **2c**, **2d**) have trace amount of hexane (peak observed near 0.88 ppm) and complex **2b** have trace amount of dichloromethane (peak observed at 5.28 ppm).¹

Reference

1 H. E. Gottlieb, V. Kotlyar and A. Nudelman, *J. Org. Chem.*, 1997, **62**, 7512.

















