Supporting Information

for

A green, chemoselective, and practical approach toward N-(2-azetidinonyl) 2,5-disubstituted pyrroles

Debasish Bandyopadhyay, Elvira Rhodes, and Bimal K. Banik

Department of Chemistry, The University of Texas-Pan American, 1201 West University Drive, Edinburg, TX 78539, USA.

The ¹H, ¹³C NMR and IR Spectra of the products **4(a-f)**, **4(a', b')** and **6(a, b)** can be found in the sequel.



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¹H-NMR Spectrum of (\pm) **4b**





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IR Spectrum of (+) 4c



¹H-NMR Spectrum of (\pm) 4d



IR Spectrum of (+) 4d





IR Spectrum of (+) 4e



¹H-NMR Spectrum of (<u>+</u>) 4f



¹³C-NMR Spectrum of ($\underline{+}$) 4f



IR Spectrum of (+) 4f



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IR Spectrum of $(\underline{+})$ 4a'



¹H-NMR Spectrum of (\pm) 4b'



IR Spectrum of (+) 4b'





IR Spectrum of 6a

DB (OP-pyrrole4)









IR Spectrum of 6b