

Supplementary Informations for :

Unprotected Amine Transfer Catalysed by Non-Heme Iron(II) Complex

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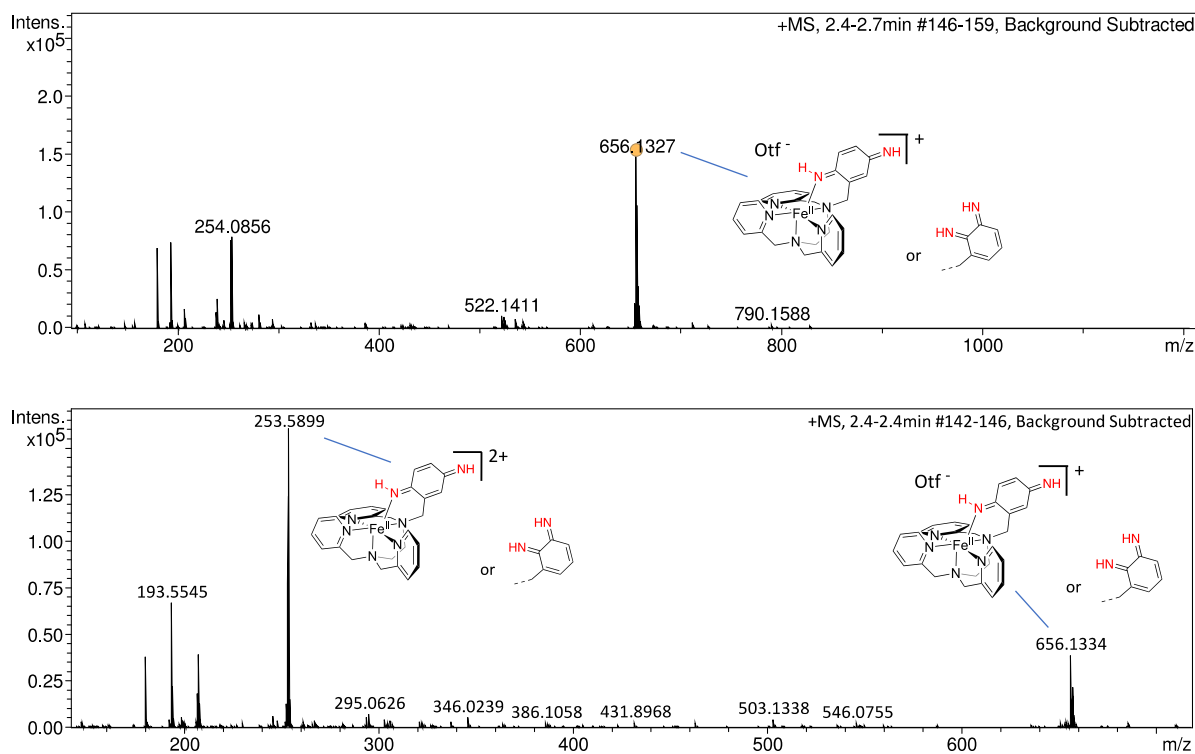


Figure S1. ESI-MS analysis of the solution after reaction of complex 1 with 5 equivalents of PivONH₂ for 16h in acetonitrile (top) or in trifluoroethanol (bottom).

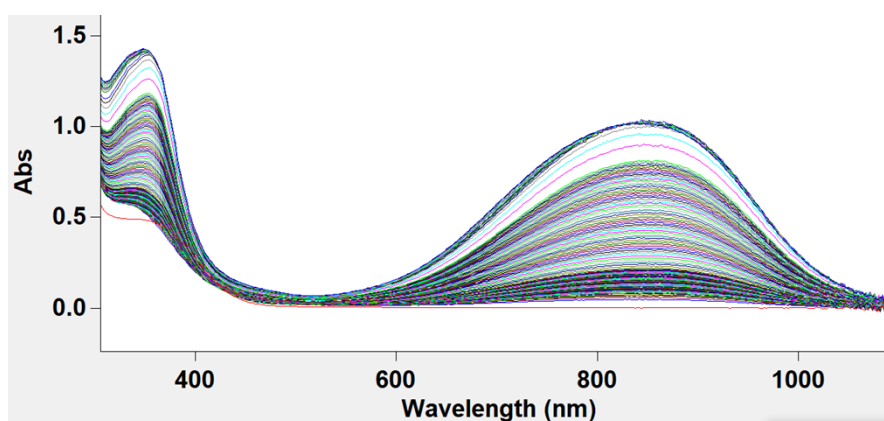


Figure S2. Time resolved UV-Vis. Spectrum for the reaction of complex 1 (0.1 mM) with 3 equivalents of PivONH₂ in trifluoroethanol (TFE) at room temperature for 3 hours.

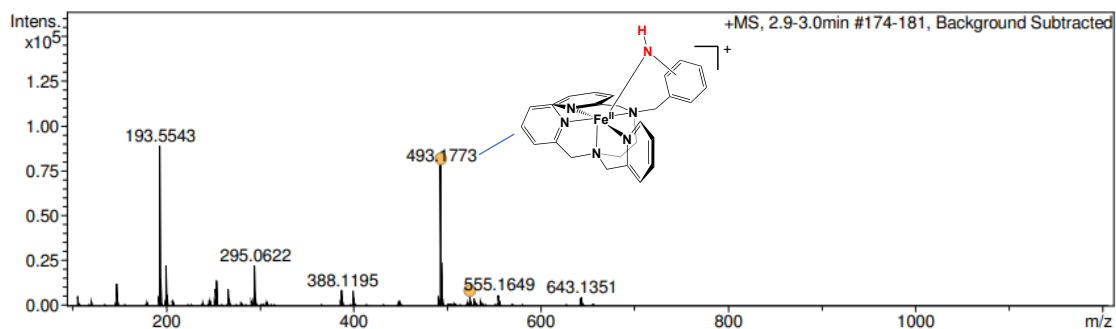


Figure S3. ESI-MS analysis of the solution after reaction of complex 1 with 3 equivalents of PivONH₂ in acetonitrile for 16h.

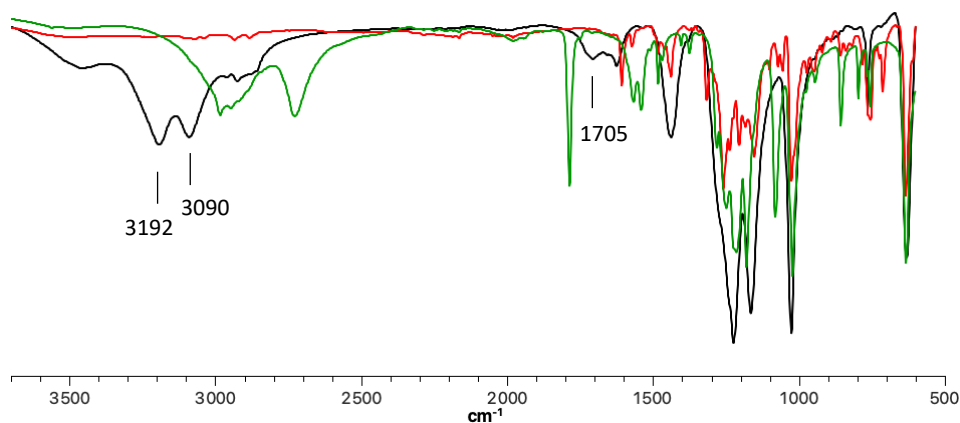


Figure S4. FT-IR spectra of complex 1 (red line), PivONH₂ (green line) and the final complex obtained after reaction of complex 1 with PivONH₂ (5 equiv.) in acetonitrile and precipitated by addition of diethyl ether.

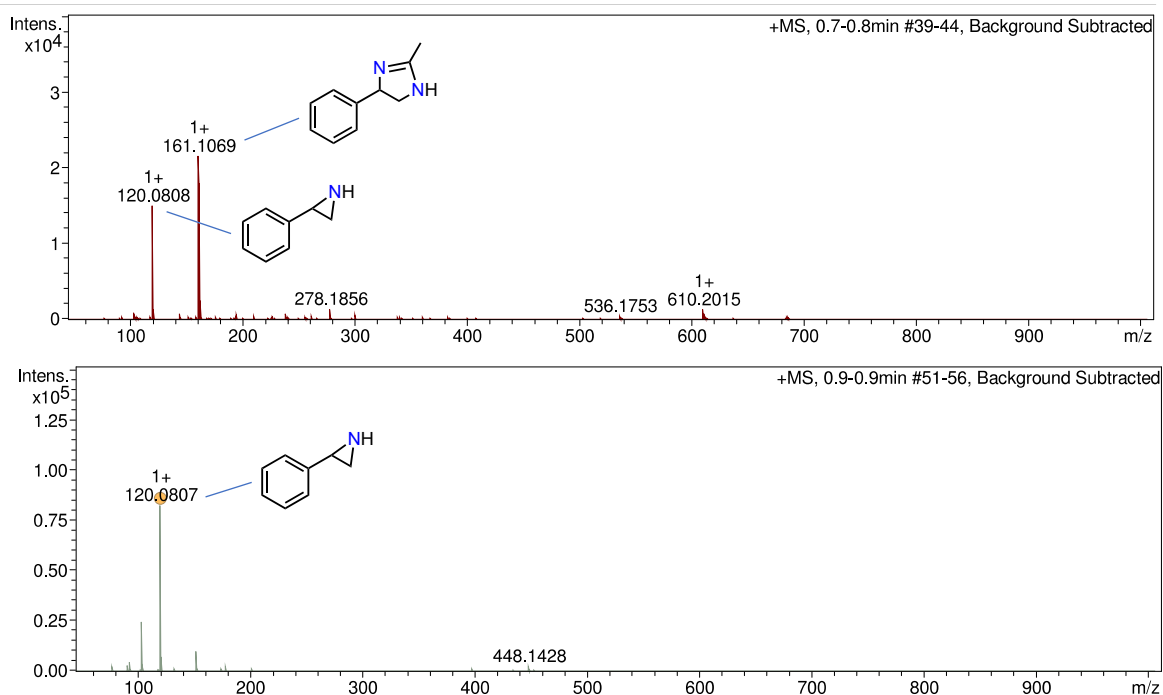


Figure S5. ESI-MS analysis of the organic layer after catalytic aziridination of styrene (10 mM) by complex 2 (1 mM) and OPivONH₂ (10 mM) and filtration on silica to remove the complex in acetonitrile (top) or in a dichloromethane/ MeOH solution (bottom).