Electronic Supplementary Material (ESI) for Polymer Chemistry.

Nitric Oxide-Releasing Polymeric Furoxan Conjugates

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SUPPORTING INFORMATION

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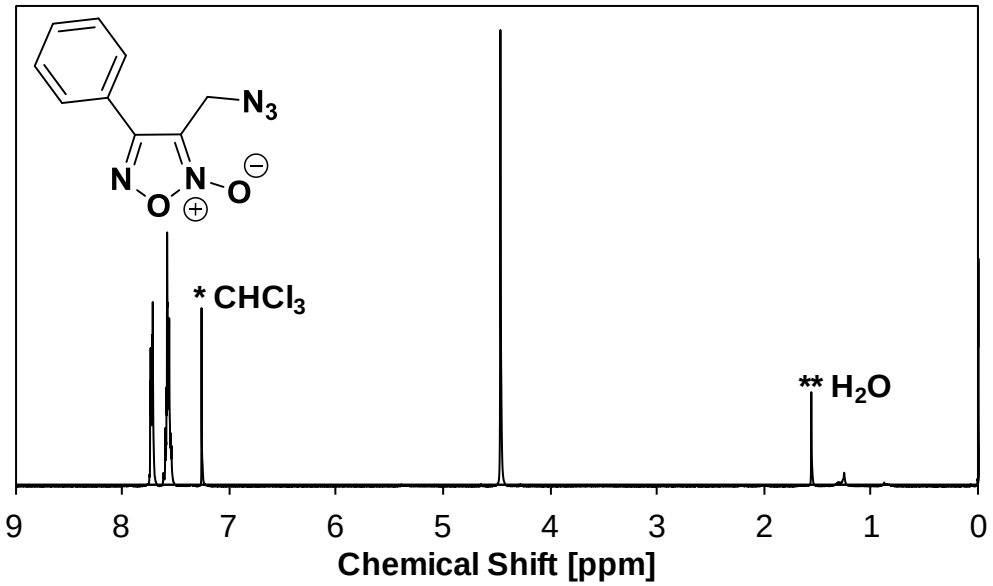

Figure S1. ^{1}H NMR spectrum of (**3**) in $CDCl_3$.

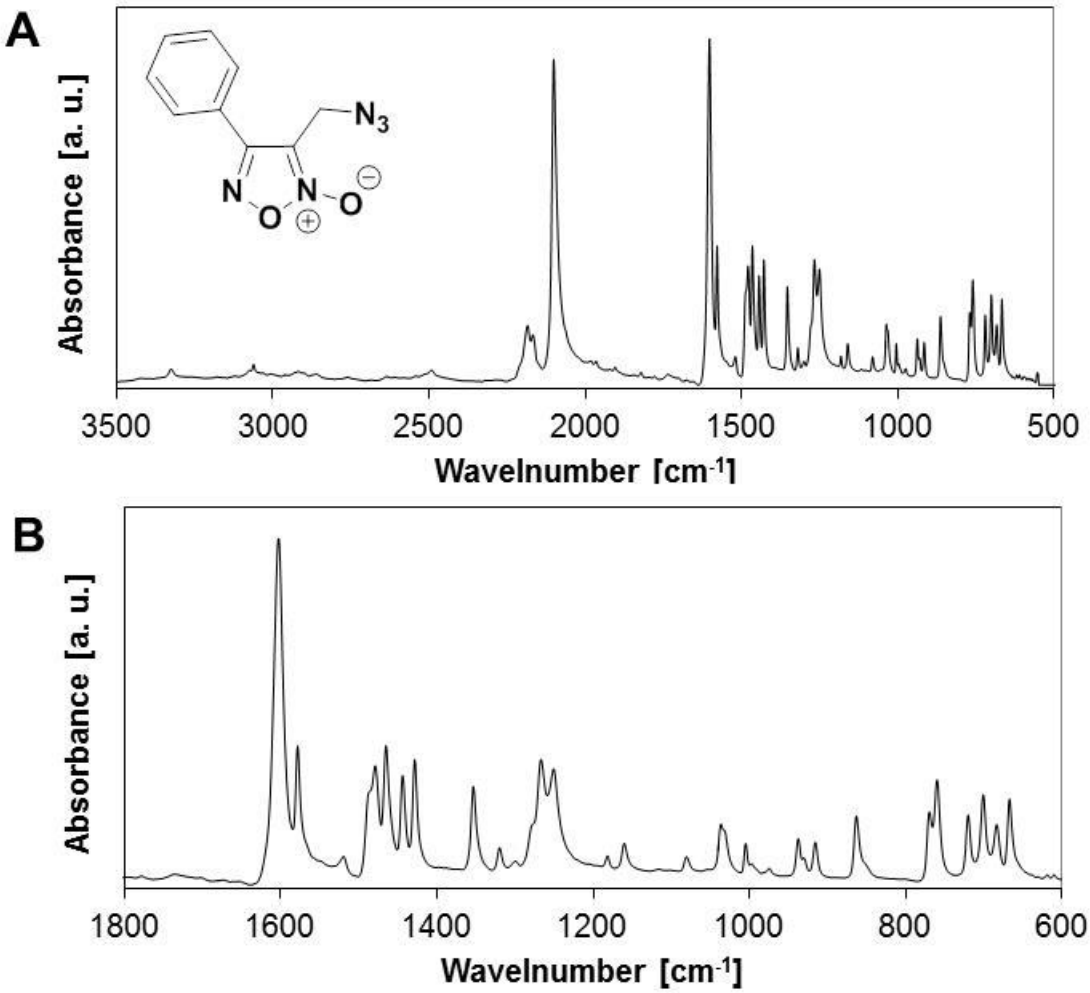

Figure S2. Infrared spectra of (**3**) in the region 3500-500 (**A**) and 1800-600 cm^{-1} (**B**).

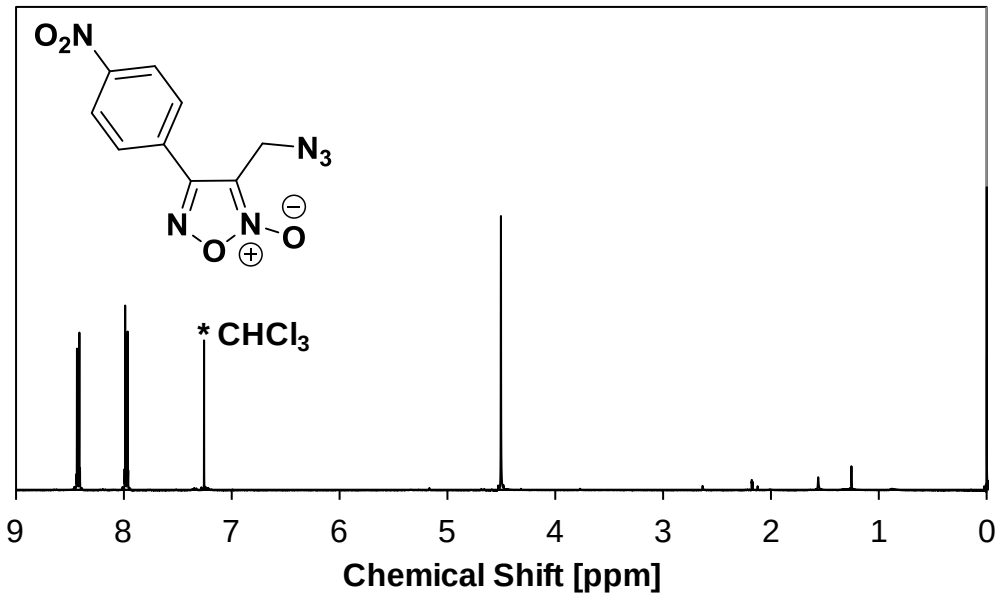

Figure S3. ^{1}H NMR spectrum of (**4**) in $CDCl_3$.

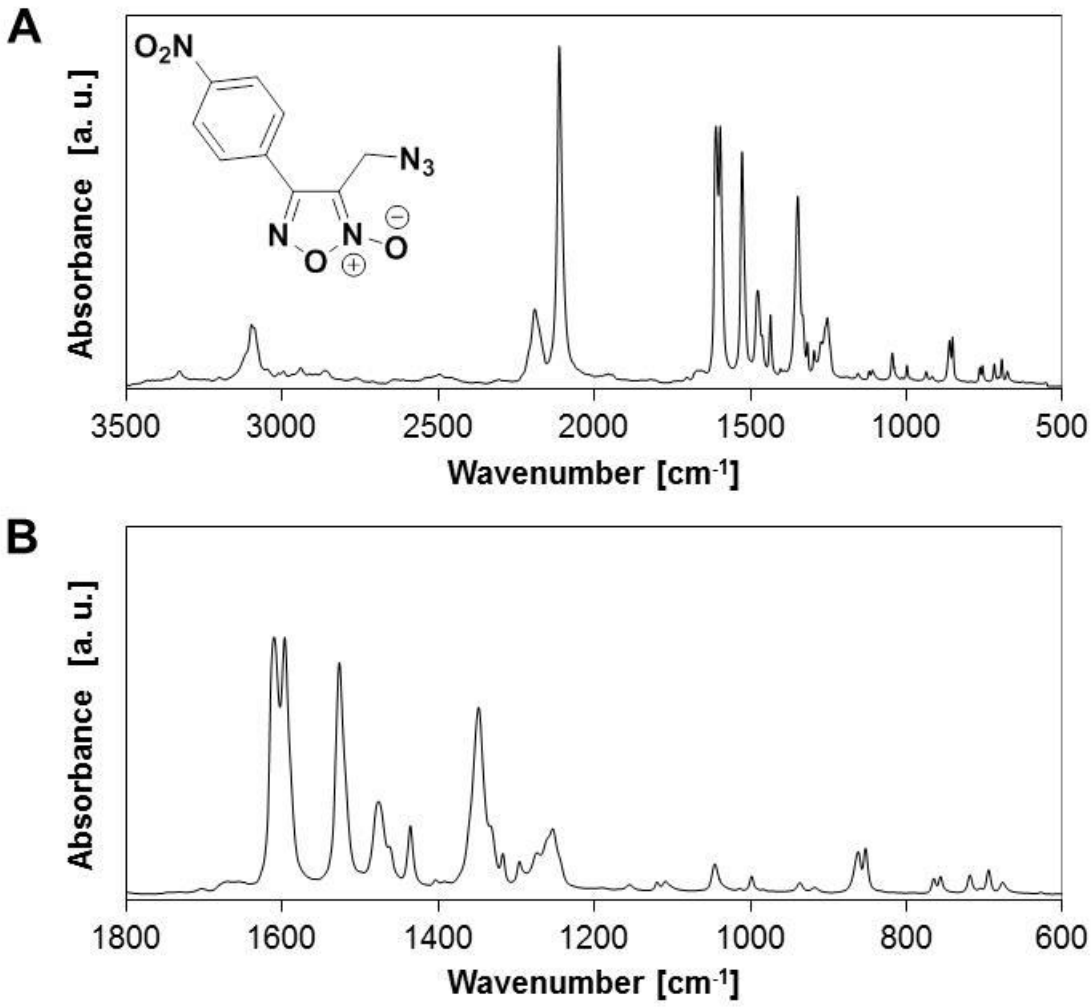

Figure S4. Infrared spectra of (**4**) in the region 3500-500 (**A**) and 1800-600 cm^{-1} (**B**).

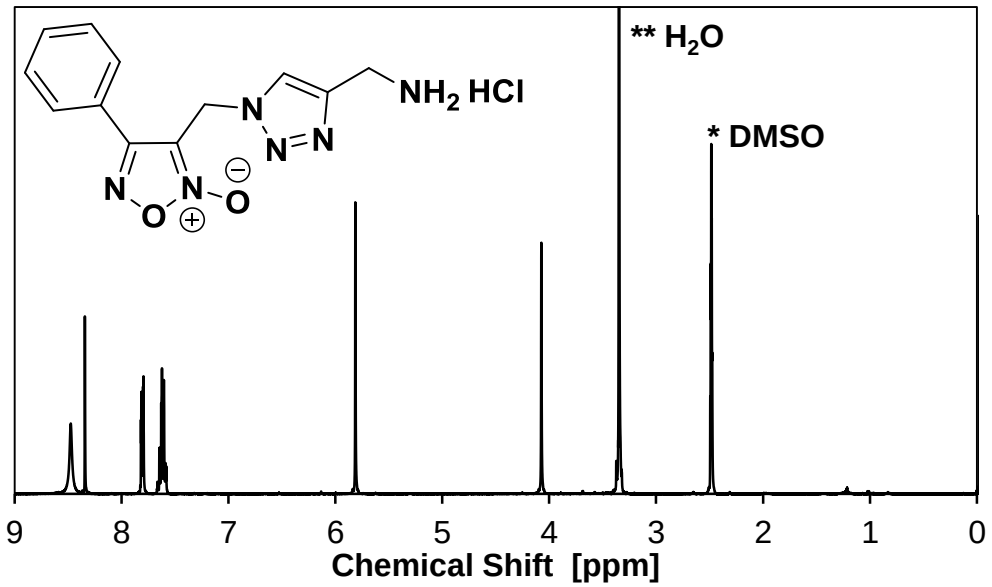

Figure S5. ^{1}H NMR spectrum of (**5**) in d_6-DMSO.

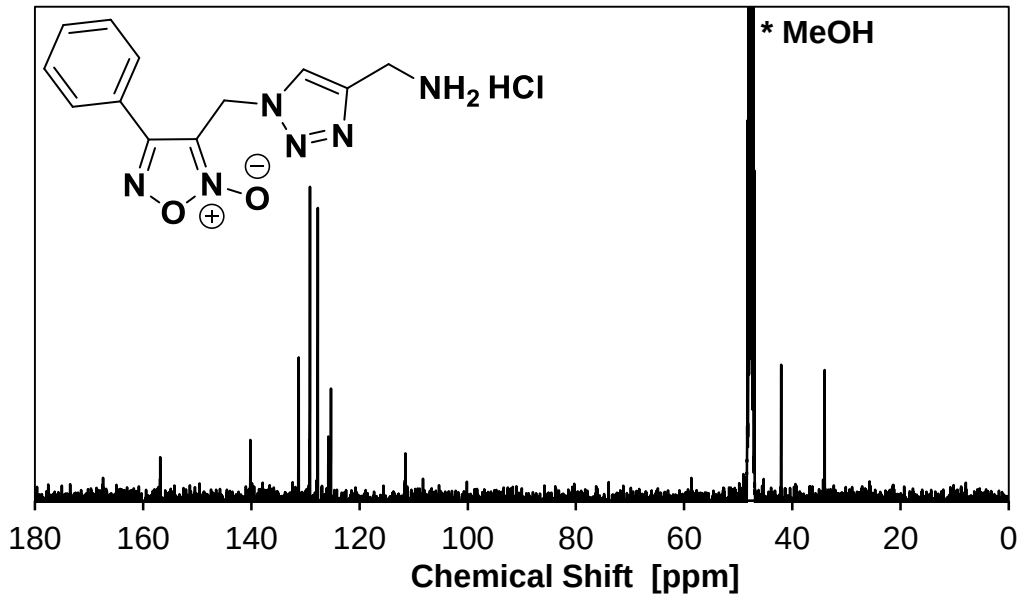

Figure S6. ^{13}C NMR spectrum of (**5**) in CD_3OD.

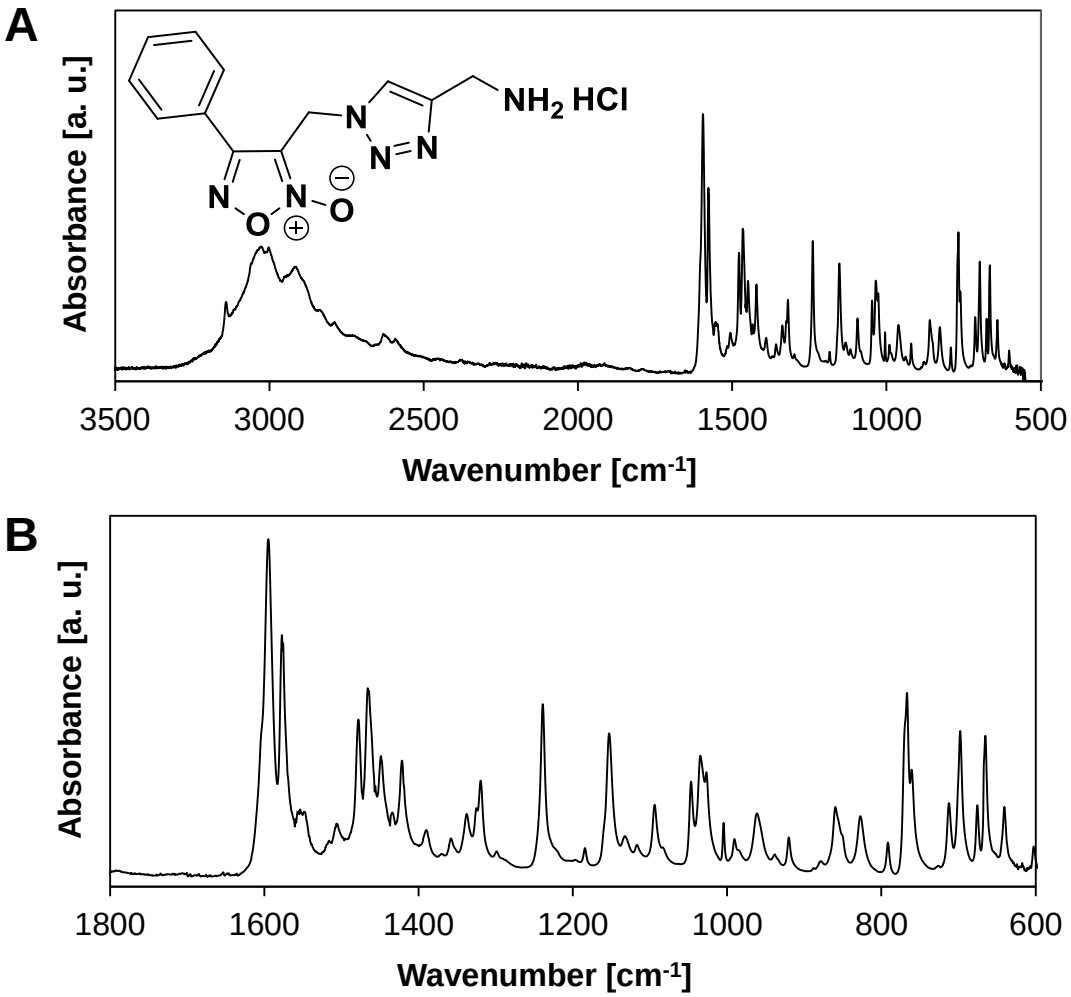

Figure S7. Infrared spectra of (**5**) in the region 3500-500 (**A**) and 1800-600 cm^{-1} (**B**).

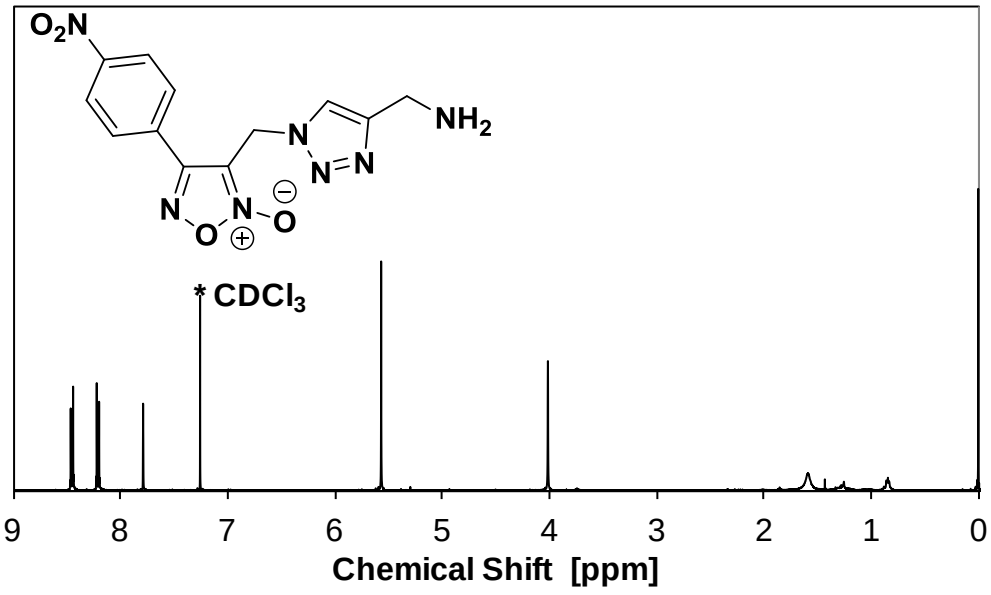

Figure S8. ^{1}H NMR spectrum of the free amine of (**6**) in $CDCl_3$.

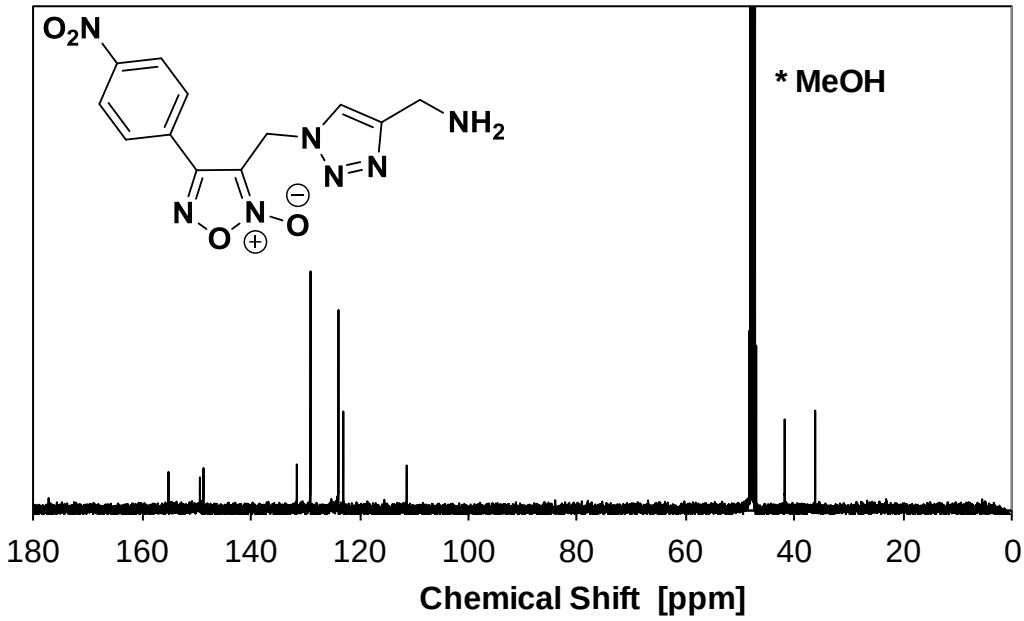

Figure S9. ^{13}C NMR spectrum of the free amine of (**6**) in CD_3OD.

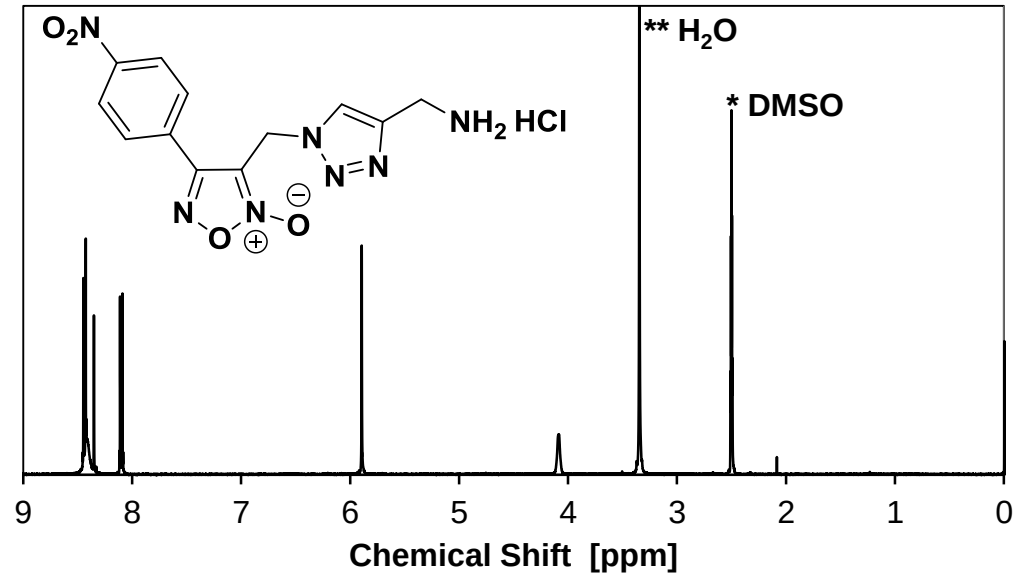

Figure S10. ^{1}H NMR spectrum of (**6**) in d_6-DMSO.

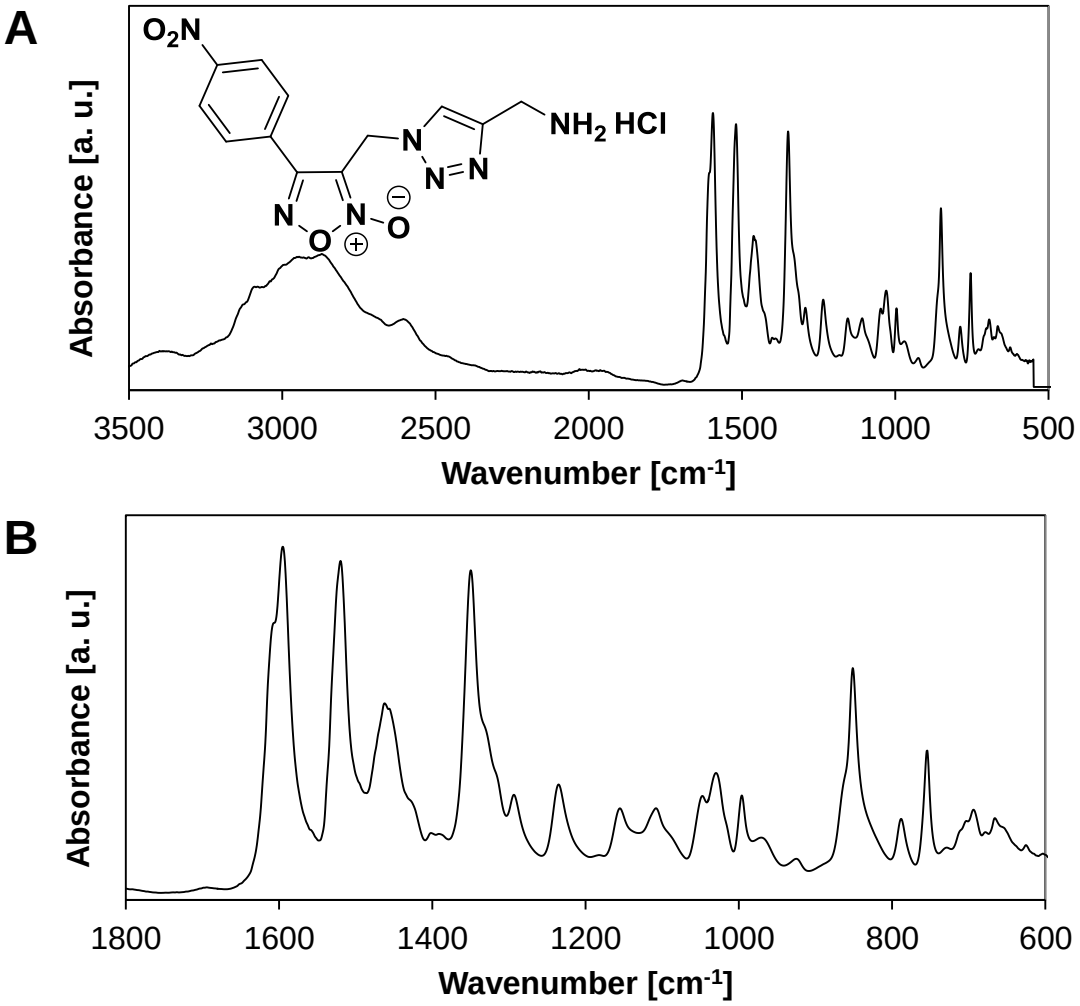

Figure S11. Infrared spectra of (**6**) in the region 3500-500 (**A**) and 1800-600 cm^{-1} (**B**).

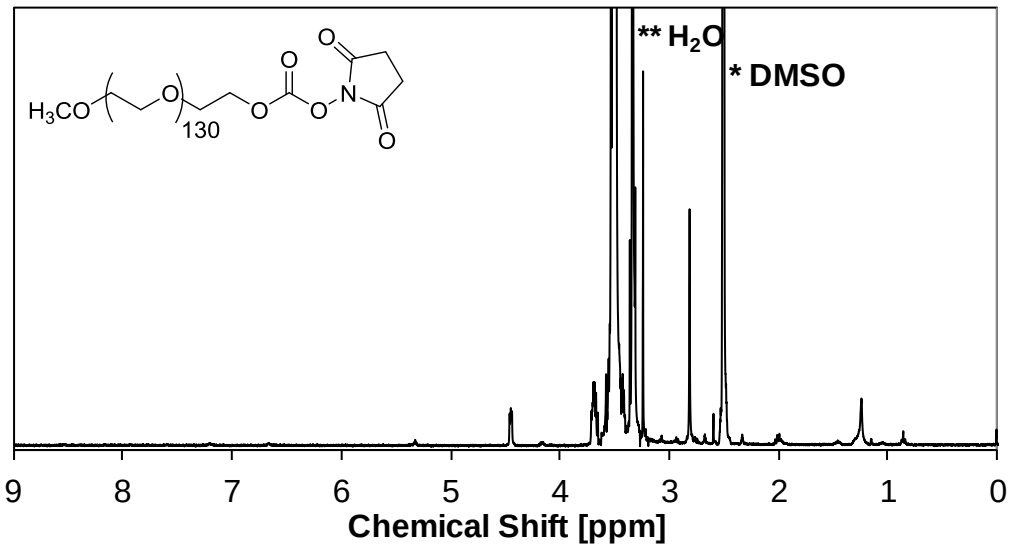

Figure S12. ^1H NMR spectrum of (**8**) in d_6-DMSO.

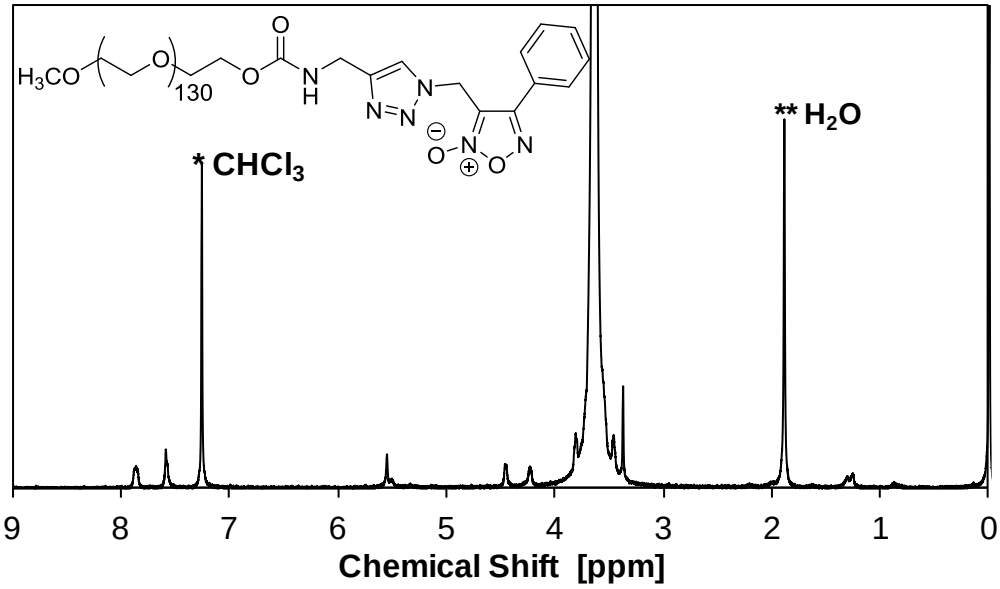

Figure S13. ^{1}H NMR spectrum of (**10**) prepared from (**8**) in $CDCl_3$.

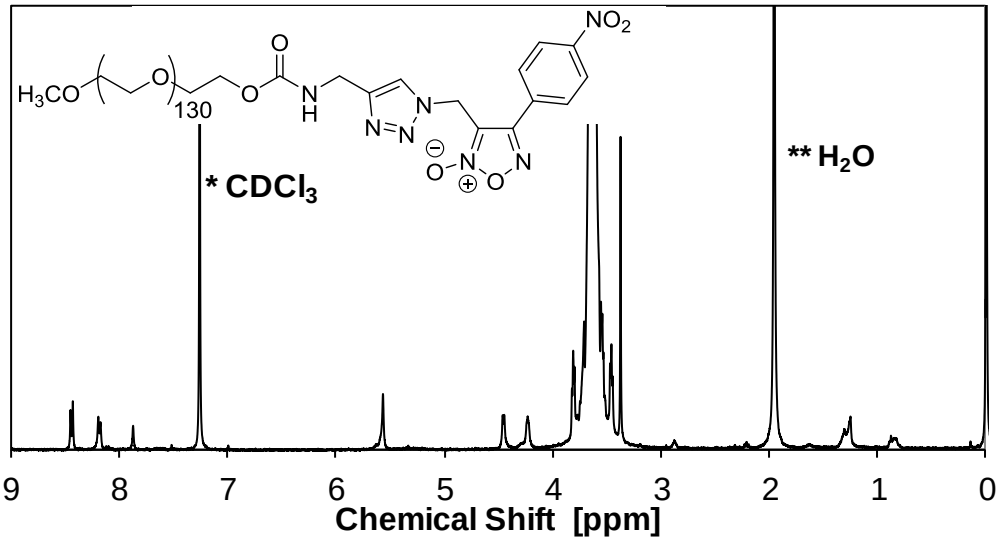

Figure S14. ^{1}H NMR spectrum of (**11**) prepared from (**8**) in $CDCl_3$.

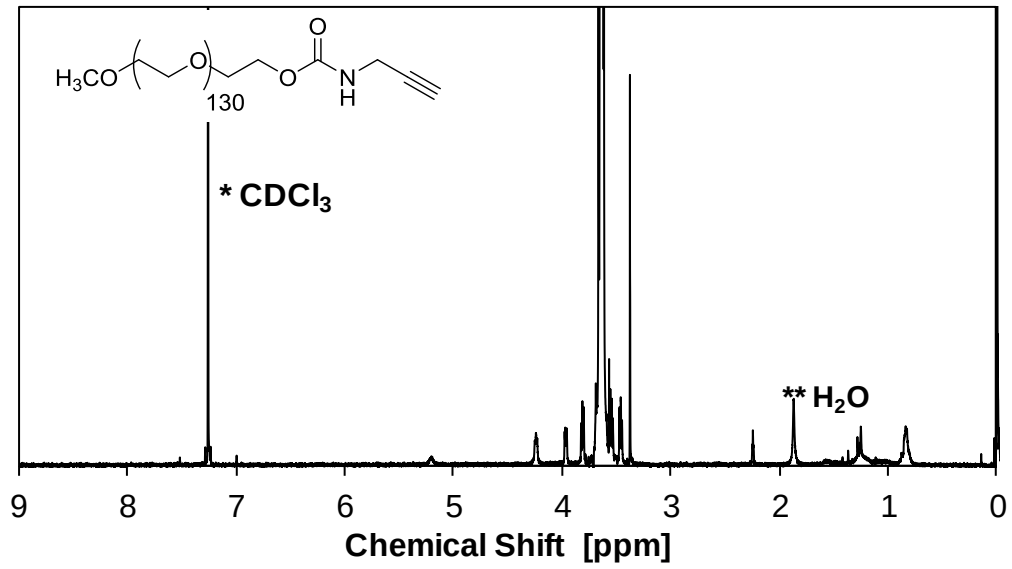

Figure S15. ^{1}H NMR spectrum of (**9**) in $CDCl_3$.

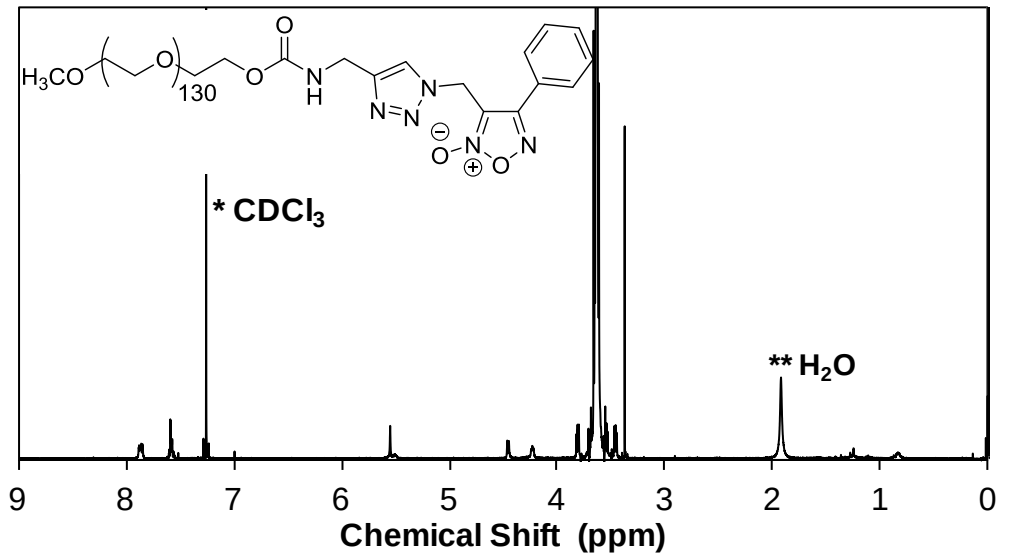

Figure S16. ^{1}H NMR spectrum of (**10**) prepared from (**9**) in $CDCl_3$.

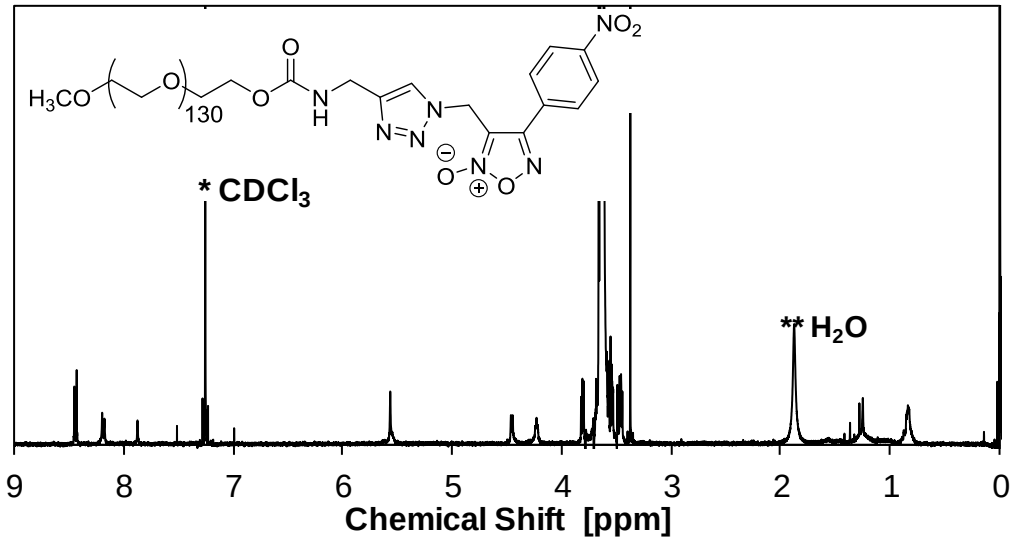

Figure S17. ^{1}H NMR spectrum of (**11**) prepared from (**9**) in $CDCl_3$.

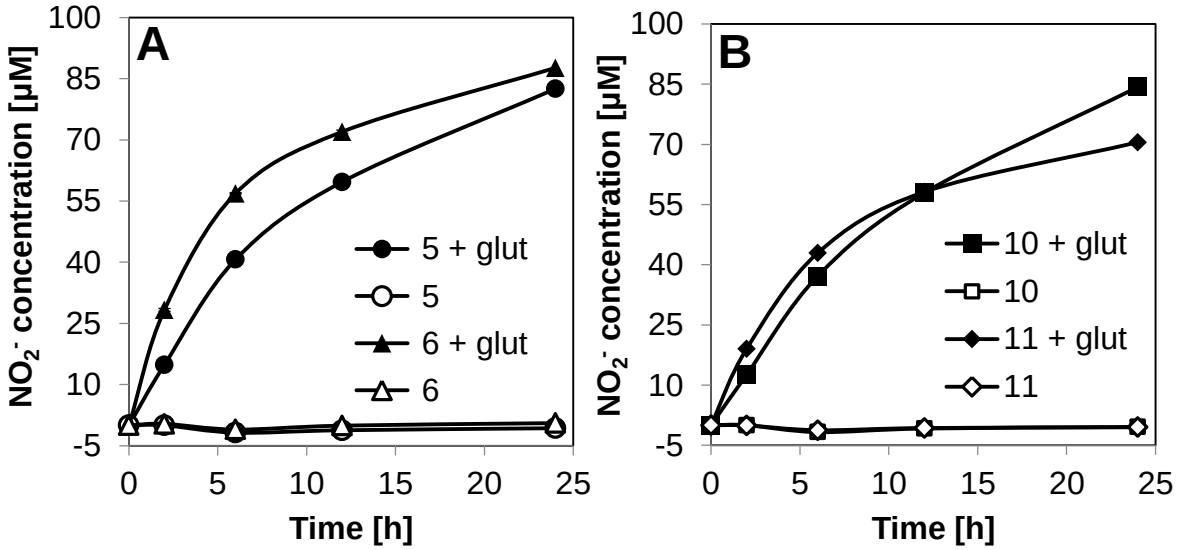

Figure 18. NO release from (**5**) and (**6**) (**A**), (**10**) and (**11**) (**B**) at 250 µM in presence of glutathione (glut) in 50 mM PBS (pH7.1) as measured by the Griess assay. (n=3).