

ROS-responsive and pH-sensitive aminothiols dual-prodrug for radiation enteritis

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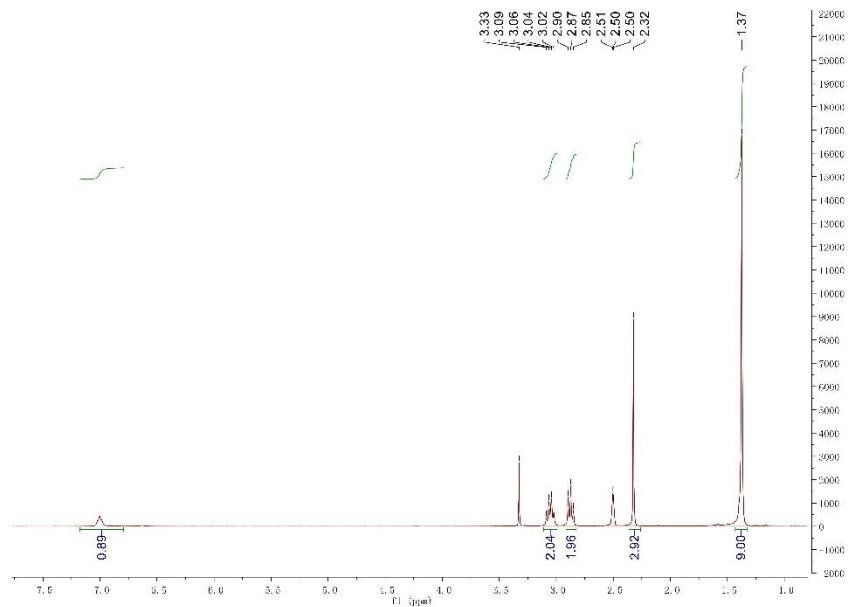


Figure S1. ¹H NMR spectrum of compound 3 in DMSO.

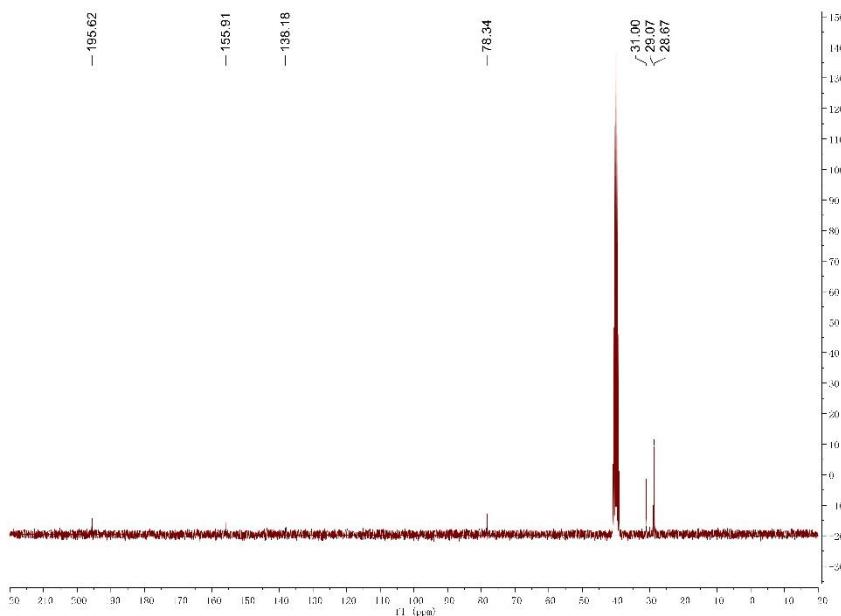


Figure S2. ¹³C NMR spectrum of compound 3 in DMSO.

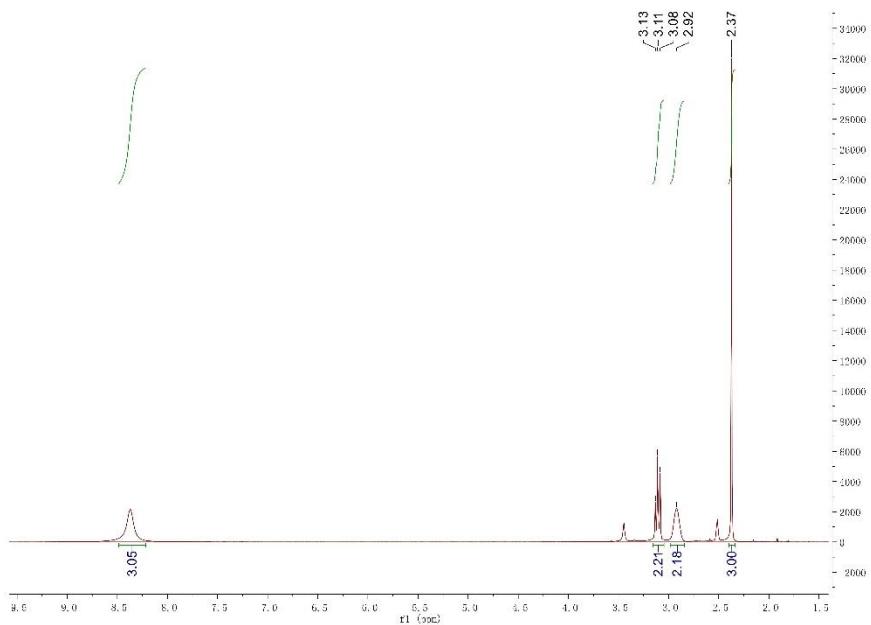


Figure S3. ¹H NMR spectrum of compound 2 in DMSO.

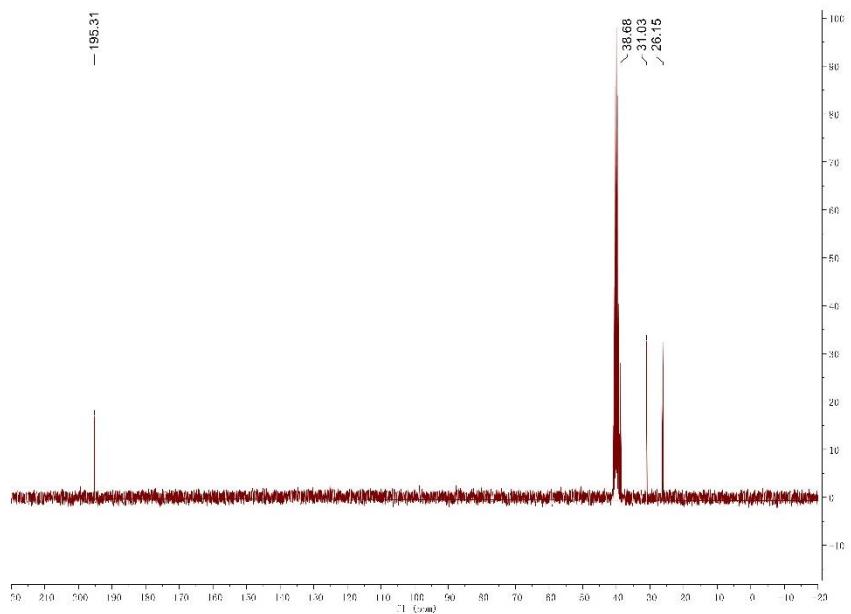


Figure S4. ^{13}C NMR spectrum of compound 2 in DMSO.

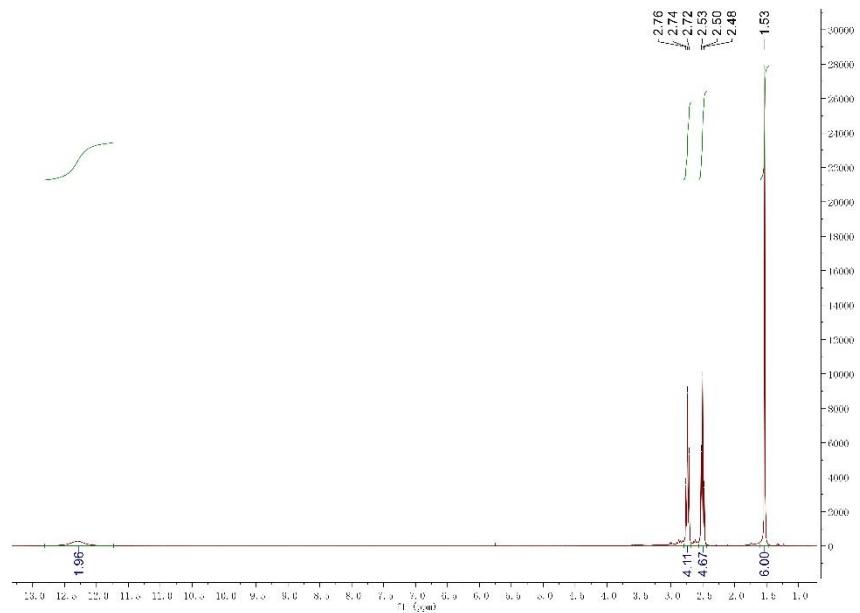


Figure S5. ^1H NMR spectrum of TK in DMSO.

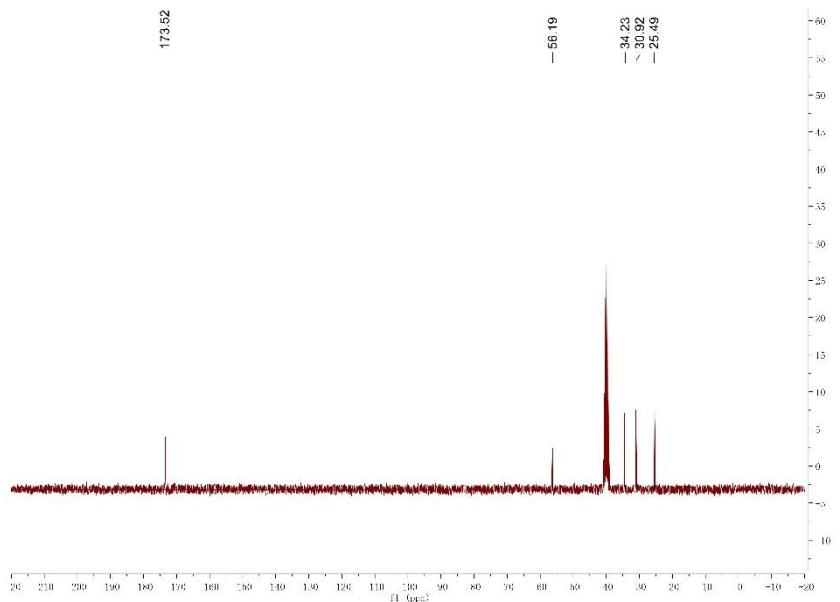


Figure S6. ¹³C NMR spectrum of TK in DMSO.

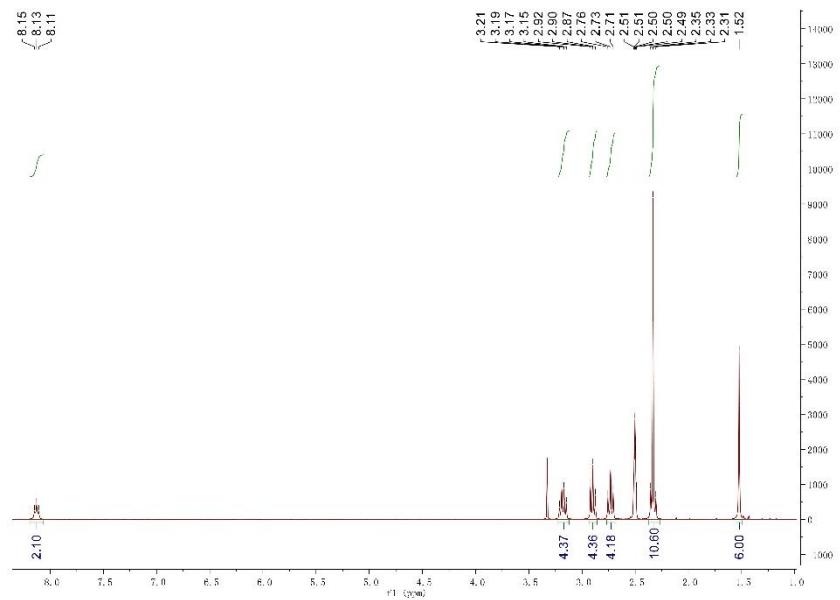


Figure S7. ¹H NMR spectrum of M1 in DMSO.

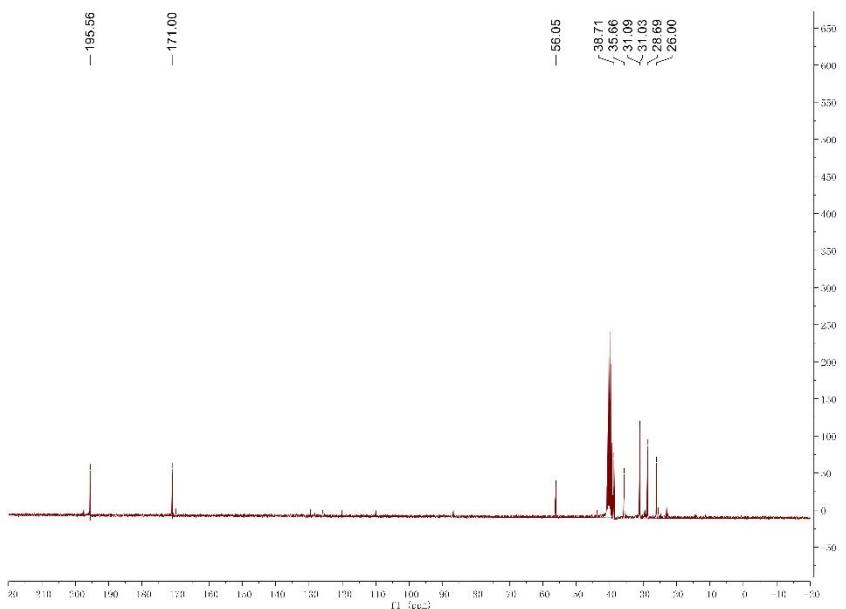


Figure S8. ¹³C NMR spectrum of M1 in DMSO.

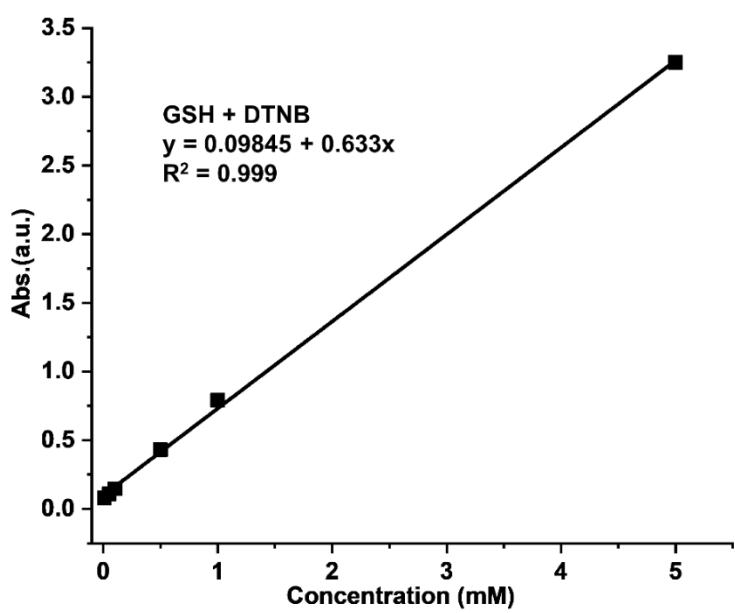


Figure S9. Standard curve between concentrations of glutathione and absorbance at 412 nm.

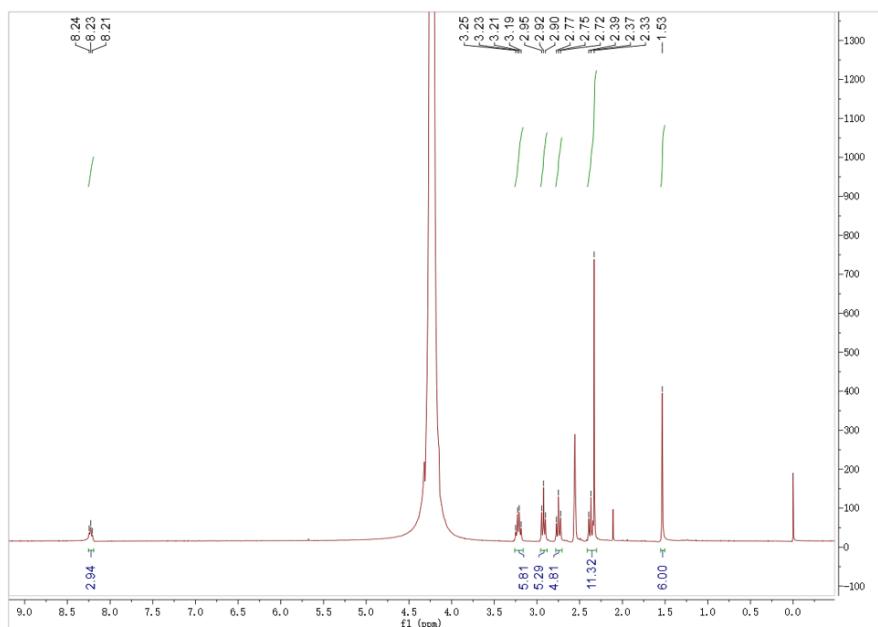


Figure S10. ^1H NMR spectrum of M1 with HCl in DMSO.

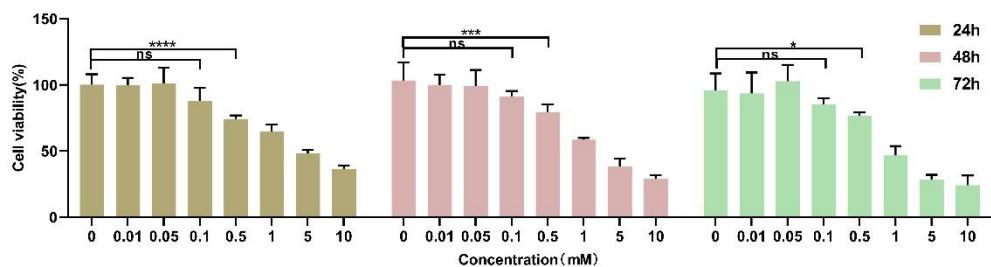


Figure S11. Cytotoxicity assays of M1 with HIEC-6 cells.



Figure S12. Colon tissues of mice in control, IR, M1-500 mg/kg, IR + 125 mg/kg, IR + 250 mg/kg, IR + 500 mg/kg and IR + Ami groups 3 days after 13 Gy ABI, n = 6 per group.