Supplementary material

Development of Near-infrared Fluorescent Probes with large Stokes shift for Non-Invasive Imaging of Tumor Hypoxia

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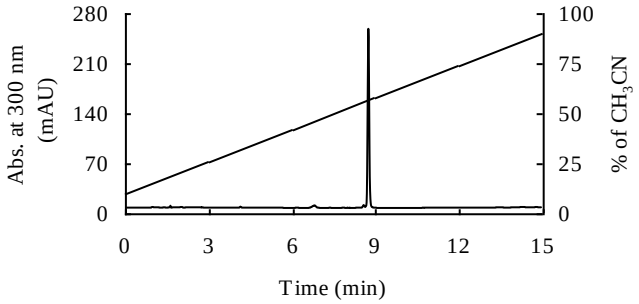
Contents:



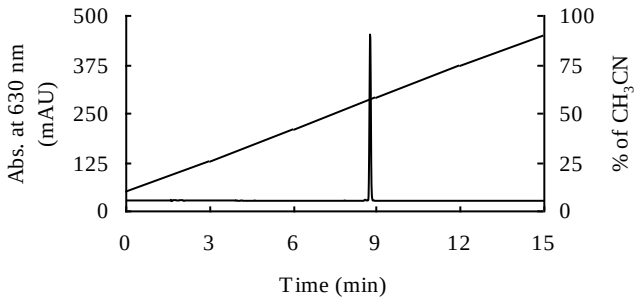
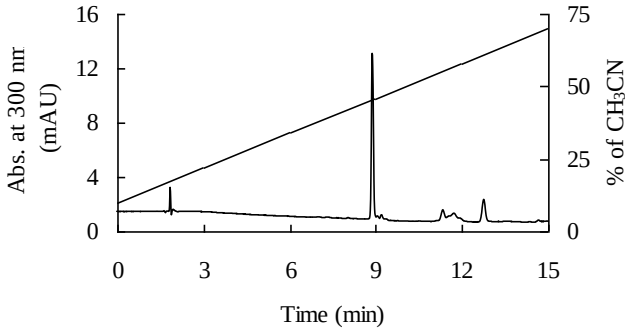


Figure S1. LC spectra of GPU-172

Gradient system was as follows: eluent A (CH_3CN cont. 0.05% HCO_2H, 10% (0 min) to 90% (15 min)) and eluent B (0.05% HCO_2H) at flow rate 0.5 mL/min



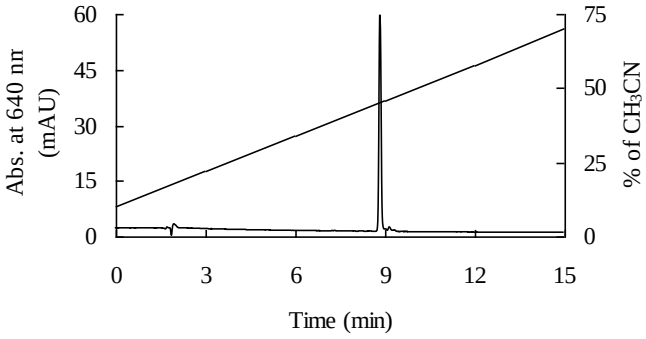
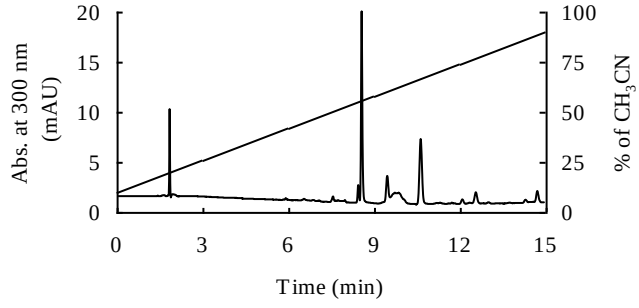


Figure S2. LC spectra of GPU-316

Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 70% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 0.5 mL/min



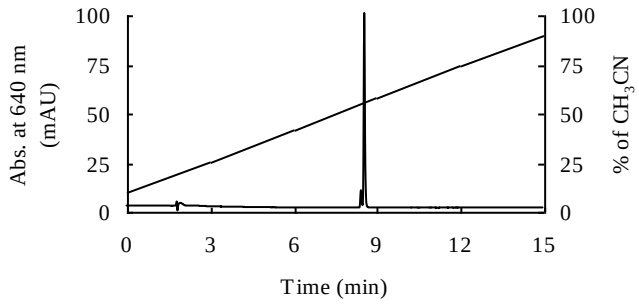


Figure S3. LC spectra of GPU-210

Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 90% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 0.5 mL/min

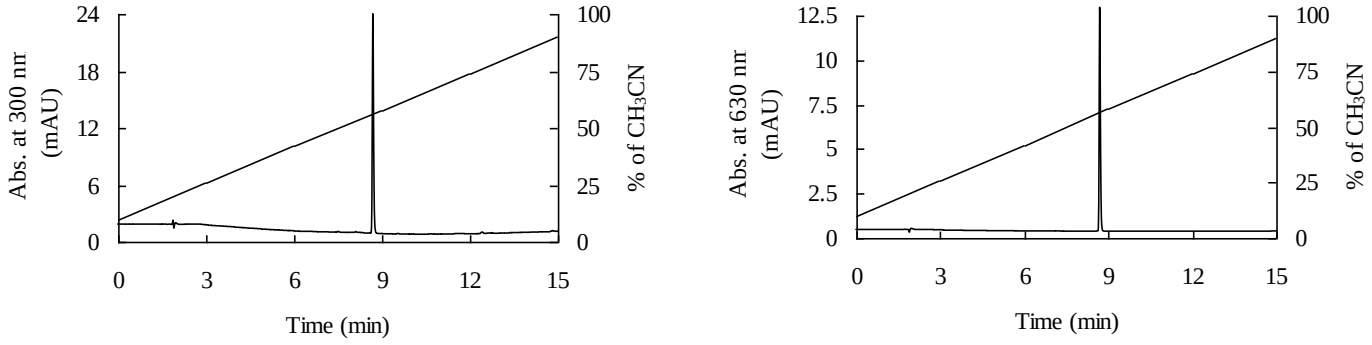


Figure S4. LC spectra of GPU-297
Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 90% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 1.0 mL/min

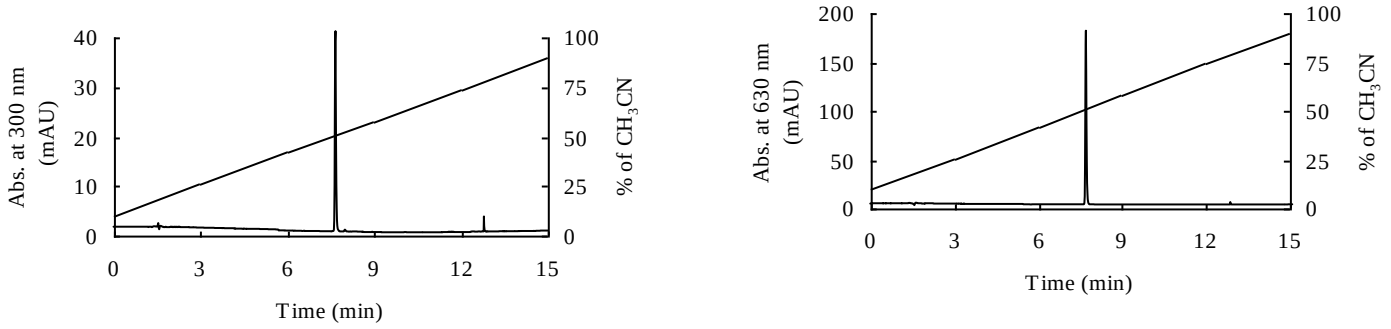


Figure S5. LC spectra of GPU-309
Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 90% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 1.0 mL/min

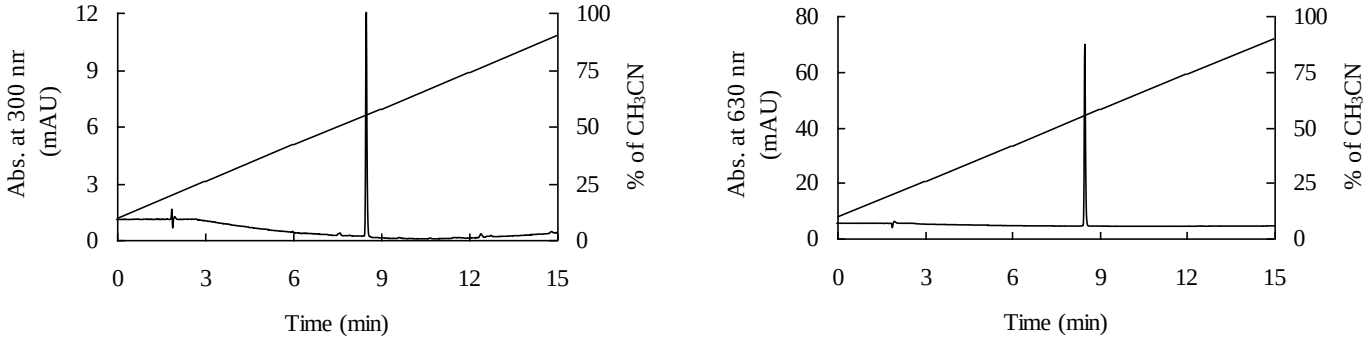


Figure S6. LC spectra of GPU-298
Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 90% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 1.0 mL/min

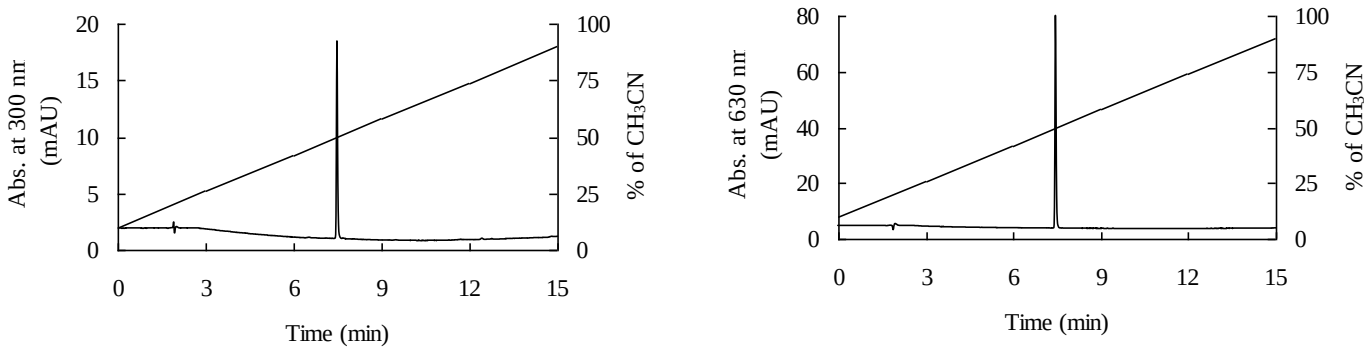


Figure S7. LC spectra of GPU-310
Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 90% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 1.0 mL/min

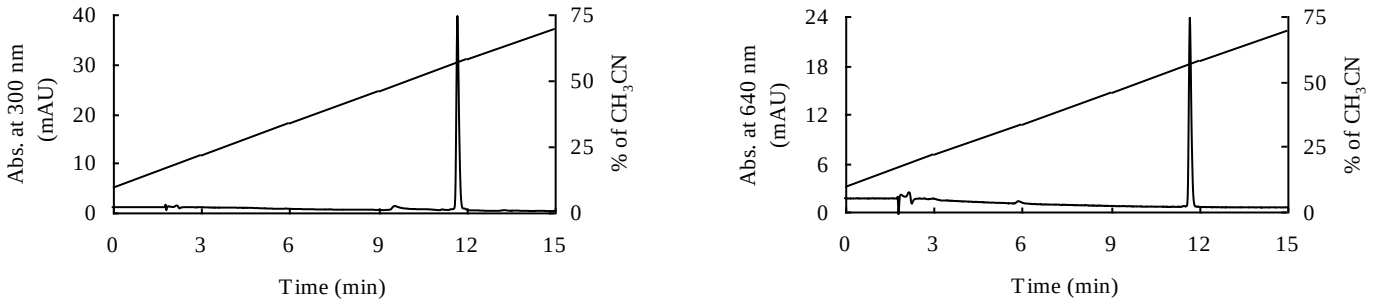


Figure S8. LC spectra of GPU-198
Gradient system was as follows: eluent A (CH_3CN cont. 0.05% HCO_2H, 10% (0 min) to 70% (15 min)) and eluent B (0.05% HCO_2H) at flow rate 0.5 mL/min

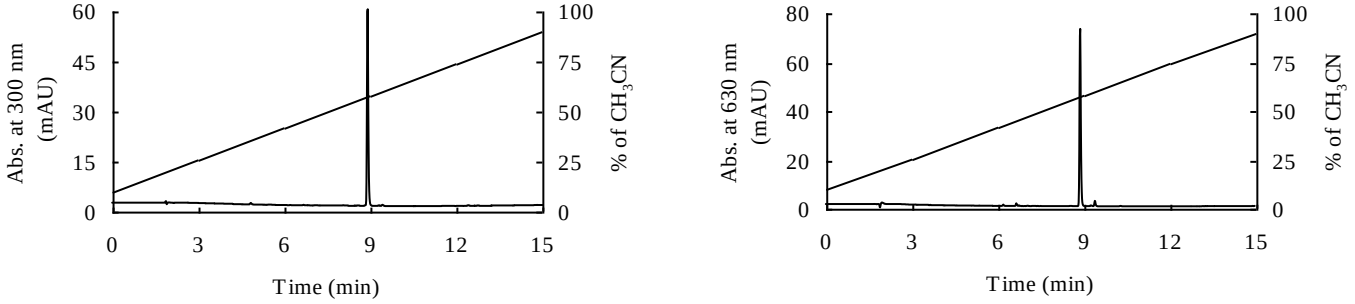


Figure S9. LC spectra of GPU-212
Gradient system was as follows: eluent A (CH_3CN, 10% (0 min) to 90% (15 min)) and eluent B (10 mM ammonium formate buffer (pH 7.3)) at flow rate 1.0 mL/min