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ELA Release - Control experiments

↳ from LNO-CM-ELA suspension (AG252) at $150 \mu\text{g/mL}$
 $\equiv 4.9 \mu\text{M}$ of OIBO-CM-ELA

↳ and LNO-ELA suspension (no CM linker) at $150 \mu\text{g/mL}$

• 1st sample: LNO-CM-ELA kept in dark in PBS, over-night

• 2nd sample: LNO-CM-ELA suspension heated at 50°C (thermoshaker) for 30 min in dark

• 3rd sample: LNO-ELA irradiated at 790 nm with laser system for 15 min

• 4th sample: LNO-CM-ELA irradiated at 790 nm with laser system for 15 min

⇒ for all samples, take 2 aliquots and dilute each $5 \times$ in PBS, then quantify by UPLC-MS

Results: clearly almost no release for 1, 2, 3
good release for 4 ✓

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