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Release by NIR irradiation - Control tests

- irradiation of LNO-CM-ECA at 800 nm with low power and small laser system
↳ 1h irradiation, center of well, dilution 2x
- irradiation of OIBO-CM-ECA drug delivery system ($4.5 \mu\text{M}$ in PBS) at 800 nm with high power laser (std setup), dilution 5x
- quantification by UPLC-MS, std procedure but new machine (Vion-Waters)

Results: 13% ECA released from LNO-CM-ECA low power

release of OIBO-CM-ECA = 160 nM
instead of 630 nM for LNO-CM-ECA
⇒ corresponds to 25%

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