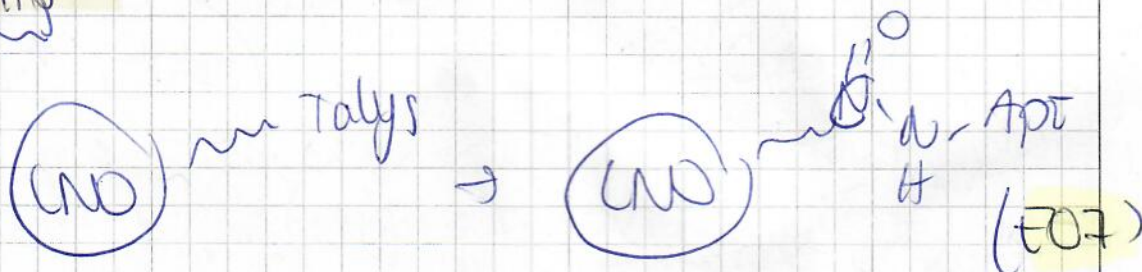


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— LNO@Aptamer on AS562 (LNO@Talyr) → this time on 1 mg



Protocol:

1 mg of LNO@Talyr (AS562, 200 μ l, 5 mg/ml) were washed with 0.1 M MES and resusp. in MES. The NPs were incubated with excess EDC (62.1 g/L, 100 μ l) and sulfo-NHS (21.7 g/L, 100 μ l) at rt for 4h.

100 μ l of 10 μ M E07 apt (1 nmol) → 10 μ l aliquot + 90 μ l PBS + 1 mM MgCl₂ was added and stirred for 4h at rt. Washes →

Tween 20 0.01% (X)
Hybrid buffer (1X)
PBS + 1 mM MgCl₂ (1X)

DLS measure results:

PBS: 108.6 ± 7.0 nm (PDI: 0.34) → 300 nm (intensity)

pH 7: -28.1 ± 1.4 mV

pH 3: -22.3 ± 0.4 mV

↓ seen already
best time

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