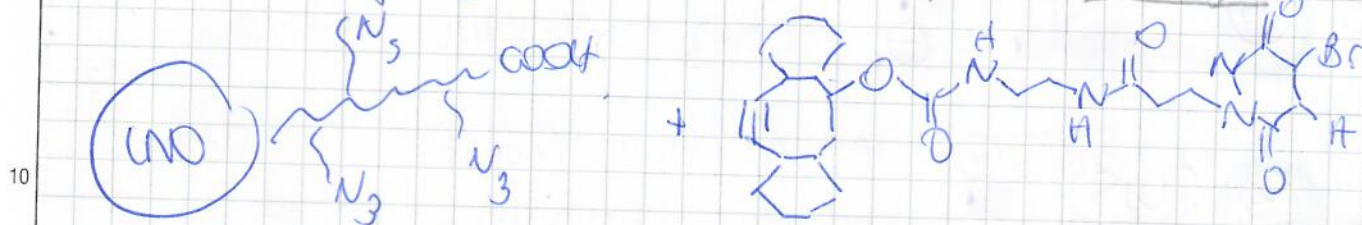


Continued from page:

- SH- aptamer and SH- aptamer-Cy5 functionalization of UNO@Talyr (AS413)

MW: 565.42 g/mol



Protocol: Oh 2 mg this time! (since I need to test 2 apt in //)

To dry pellet of UNO@Talyr (AS413, 5 mg/ml, 2 mg) → 400 were added 4 μmol of linker (AS312) in 100 μl of deaerated EtOH. Stirred in vortex/shaker overnight at 37°C (1500 rpm)

$$4 \mu\text{mol} : 100 \mu\text{l} = 37.44 \mu\text{mol/l}$$

21.17 mg
↳

100 EtOH reagent

936 μl (in which take 100 μl)

washes: 6x each

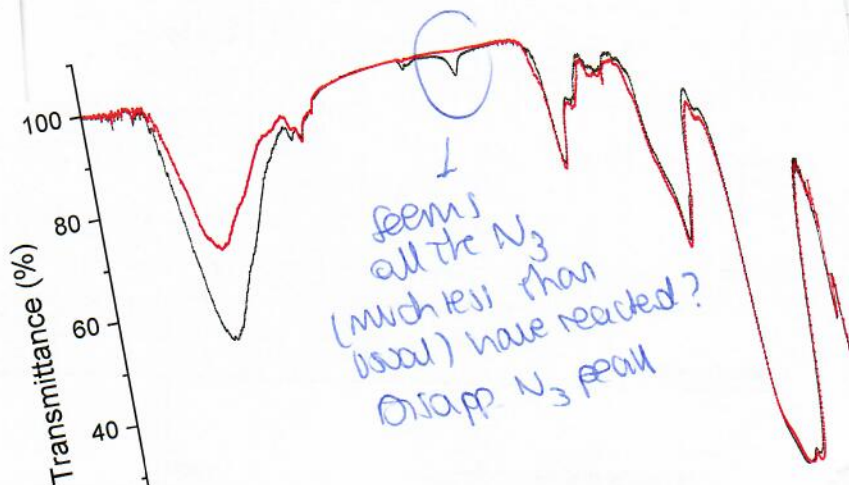
OLS:

PBS: $150.4 \pm 3.2 \text{ nm}$ (PO: 0.1)

DNA: $149.4 \pm 2.8 \text{ nm}$

pH 7: -37.7 ± 0

pH 3: -10.9 ± 4.1



DATE

SIGNATURE

AS413