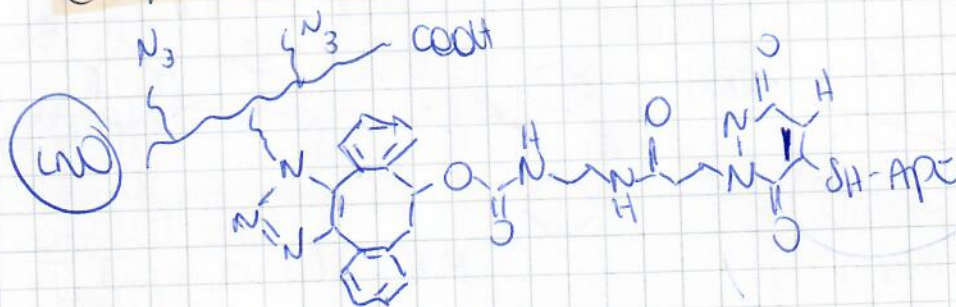


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- SH-aptamer conjugation to AS421 (linker) on 1 mg (to provide to cell lab $\rightarrow$ 0.5 mg)

Protocol:

To 1 mg of LW@linker (AS421) $\rightarrow$ 0.5 ml of 2 mg/ml (AS421) $\rightarrow$ centri and wash with PBST 1mM MgCl_2 .

To pellet (very large pellet) $\rightarrow$ add 0.5 ml PBS + 1mM MgCl_2 . or rep: 100 μl of 1mM apt 7

Folding

Take 1mM (alg 10 μl) $\rightarrow$ + 40 μl PBST + 1mM MgCl_2 90°C, 5 min (1500 rpm).

Reduction

Take the 50 μl + add 50 μl of 0.48 mg/ml TCEP solution in TrisHCl.

2h, RT stir (1500 rpm) $\rightarrow$ final 100

$\rightarrow$ [DO NOT take for gel this time!!]

washes

- Tween 20 0.01% (1x)
- Hybrid. buff (1x)
- PBST + 1mM MgCl_2 (1x)

At the end,

$\rightarrow$ resusp. in 1000 μl (if I didn't lose a $\rightarrow$ take already 0.5

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to put in screw caps for cell lab.

remaining 0.5 ml