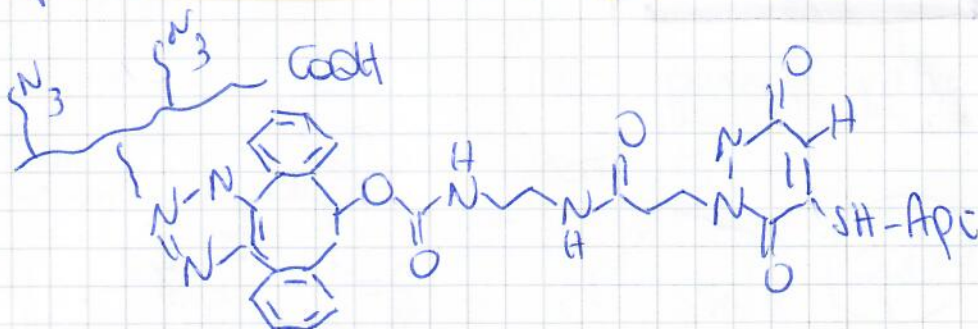


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(B)

SH-Aptamer phenolization (see AS431A)

(un)

Protocol:

To 1 mg of un@ linker (AS431A) → (AS431A was 2.5 mg → resusp in 0.75 mL → take 0.5 mL, 1 mg, in low DNA bind eppendorf)

Centrifuge and wash PBS + 1 mM MgCl₂ →

on top: 100 µL of 1 mM apt. overnight at 1500 rpm

Folding: take 10 µL apt (1 mM) + 40 µL
PBS + 1 mM MgCl₂: 90°C, 5 min

Reduction: 80 µL + 80 µL of 0.48 mg/mL
TCEP sol in Tris-HCl, 2h, rt
(1500 rpm). → final: 100 µL

washes: - Tween 20 0.01% (1x)
- hybrid buffer (1x)
- PBS + 1 mM MgCl₂ (1x)

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At the end, in 1000 µL PBS + 1 mM MgCl₂ (1x) for columns in screw

DATE

SIGNATURE

Take already 0.5 mL (0.5 mg)

DATE

DISCLOSED TO AND UNDERSTOOD BY

copied, and remaining: anal (last 20 µL)