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FOR COLABS

repeat competition assay exactly like last time! with 5H-AP

LNO@ Euler (1st step of functionalization)

Sunday morning:

A

LNO



+



0.6547 g/mol

3 μ mol, 75 μ l = 32.01 μ mol $\cdot$ x12.1 mg $\rightarrow$ 800.29 μ l resusp

Protocol:

To dry pellet of LNO@ Talys (AS430) (5 mg/ml, 300 μ l, 1.5 mg) were added 3 μ mol linker (AS318) in 75 μ l degassed EtOH. Shaking overnight (37°C, 1500 rpm) in eppendorf shaker.

Morning after: 3x washes EtOH (no try to lose let LNO)

Had to move to 50 ml flask (because in the 10 ml flask all the prod. was on the wall and couldn't resuspend it...)

Instead of 75 μ l $\rightarrow$ 2x: 150 μ l

(resusp in double!) $\rightarrow 800 \times 2 = 1600 \mu$

Old results:

BS: 155.5 ± 3.4 nm (POL: 0.96)

OMA: 142.2 ± 5.4 nm (POL: 0.09)

pH 7: -38.7 ± 0.4 mV

pH 3: -8.14 ± 0.11 mV

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