

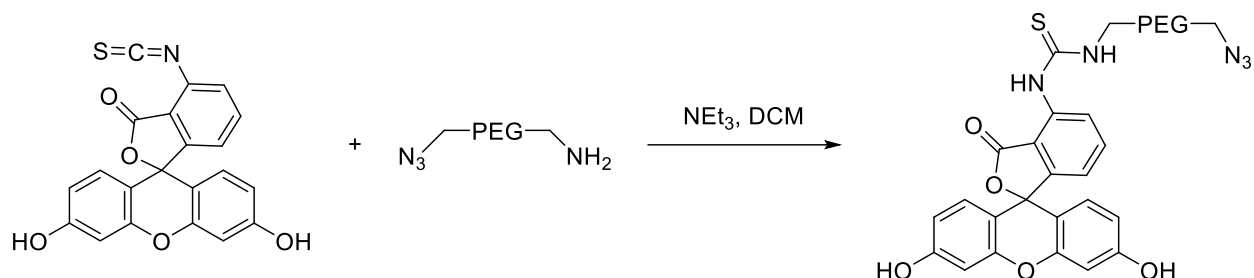
Weekly report

16/10/15 – 22/10/15

Antoine Maruani

Synthesis

N₃-PEG-Fluorophore (PEG 1.6 kDa)



- New spot, purification tomorrow
- The plan is to click it to a rebridged full antibody to have a better reading of how many PEGs per mAb.

Conjugation

Tetrazine–Alkyne PD = Teta PD

- Added Astra PD to Fab-Teta at rt overnight (30 eq of my impure Astra) → partial conversion again → I observed a lot of solid crashed out of solution → problem with solubility. I'll increase the % of DMSO in solution from 3% to 10%.
- At the moment the LCMS isn't working so I can't analyse the results of bridging and clicking.

MS

Analysis of Fab-Astra by Kersti (very accurate MS) confirmed a +32 peak which is not visible on the Thermo machine (looks like a single species but the “hidden” +32 peak is revealed upon clicking of Fab-Astra).

Other

I prepared the poster for PEGS Europe (in two weeks)