

Weekly report

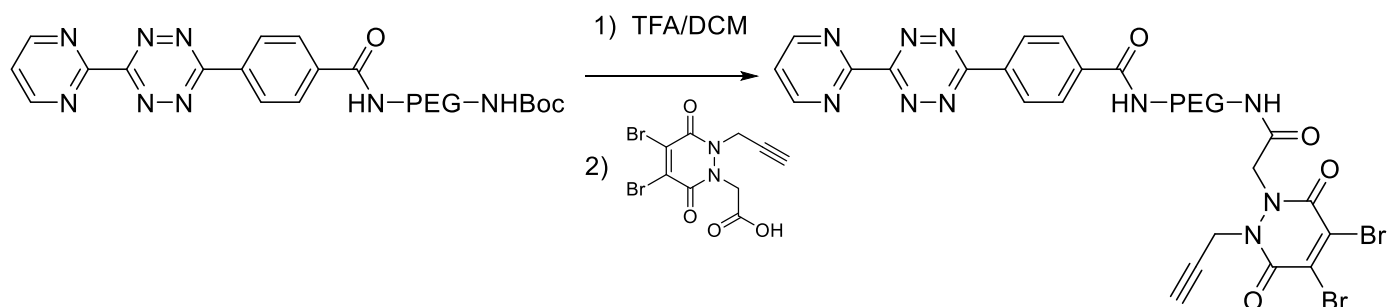
02/10/15 – 08/10/15

Antoine Maruani

Synthesis

Tetrazine

- Finished synthesis of tetrazine-alkyne PD. The purification of the final product wasn't easy and I'm still not sure about what I have isolated. I'll run more NMRs to confirm.



Conjugation

- Increased the equivalents of PEG and left it for 2 days at 37 °C
- For the PEG20k (lane 4) it seems that there is no more unreacted antibody (to be compared with lane 1 = rebridged Her)
- Lane 2 = PEG2k lane 3 = PEG5k

Mass spec

- The chromatogram shows what looks like a main peak but it is too weak (10^6 instead of *ca.* 10^8) to observe any charged species. I submitted a more concentrated sample and I should have the results tomorrow.

