

Weekly report

18/09/15 – 24/09/15

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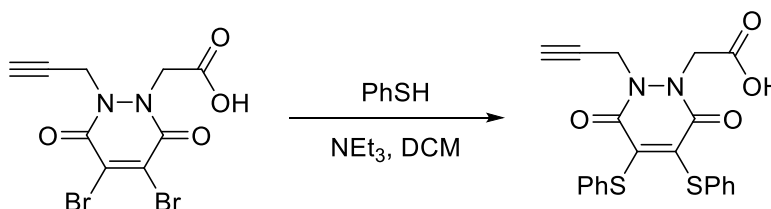
Synthesis

Methyl-Acid PD

- NMR confirmed that it was the product → *ca.* 200 mg

Alkyne-acid PD

- Prepared dithiophenol alkac PD (*ca.* 100 mg)



Mestra PD

- Coupled Alkac PD to BCN-PEG₂-NH₂ with PyBop in DMF

→ low yield, easy purification by column but it looks like I still have some amine salt or something else (base line on TLC + NMR) in spite of acidic washes and column (but most of the mixture is the desired Astra PD by ¹H and ¹³C NMR).

→ I'll try and purify more but if I can't get it cleaner, I'll use it for conjugation and see what happens.