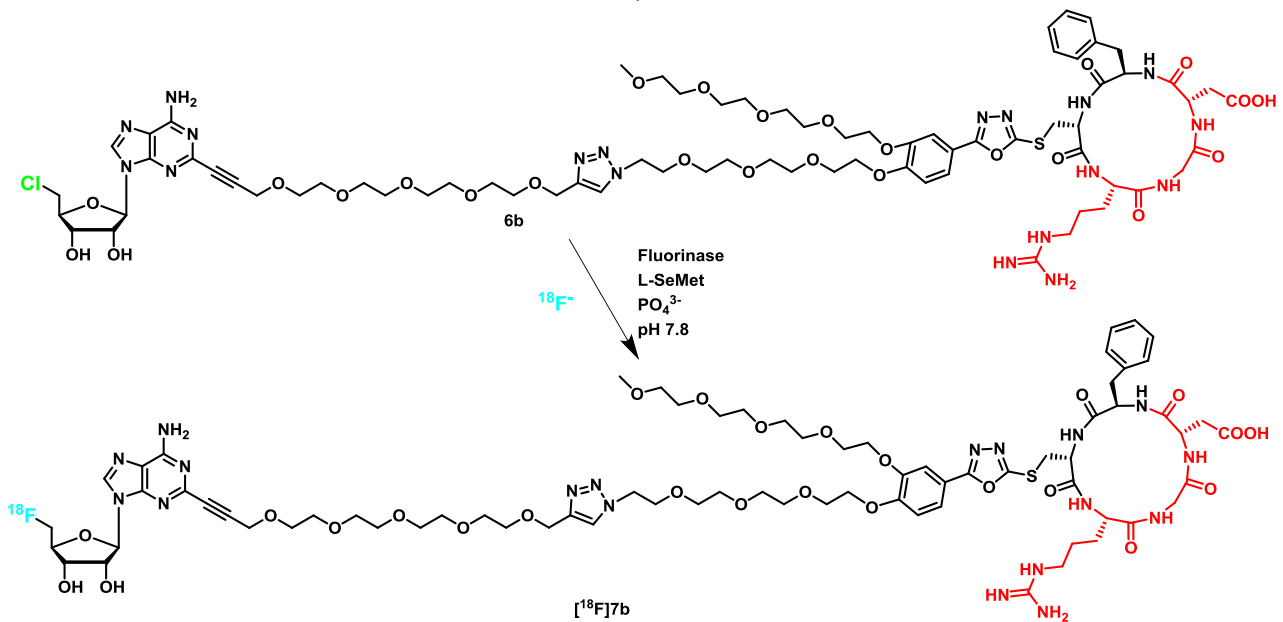


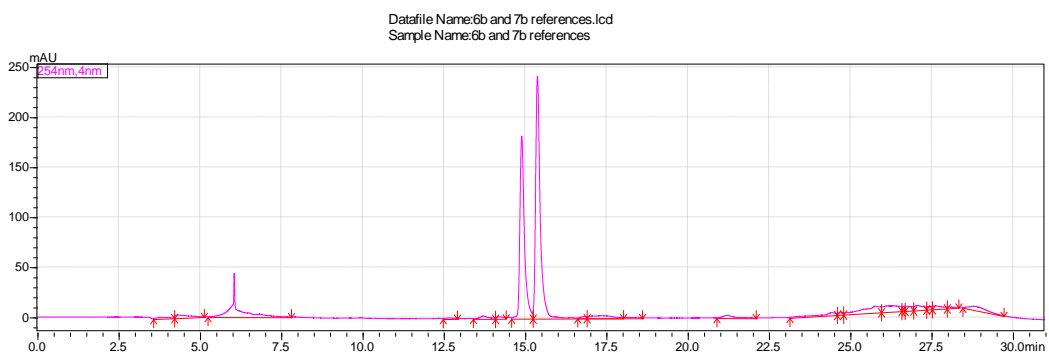
ZSJQZ002



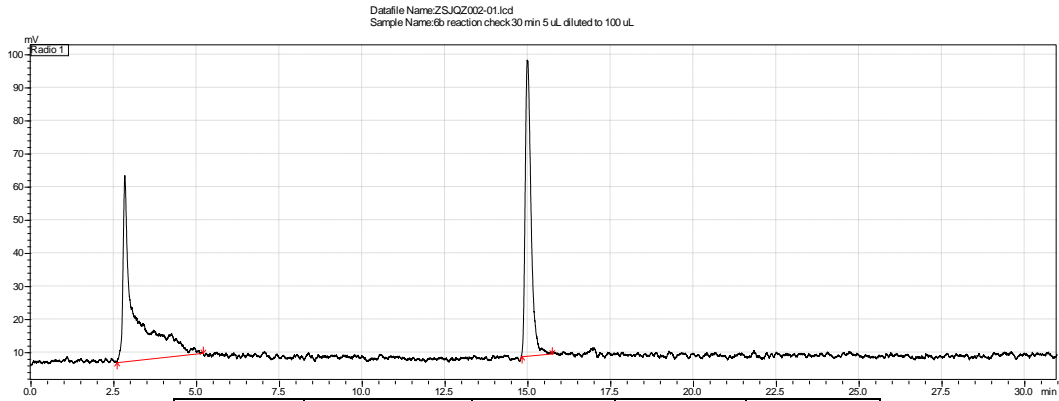
Compound	Amount	
Fluorinase Freeze dried enzyme	5 mg	20 mg/mL final conc
L-Selenomethionine 2mM water	10 μL	
Precursor 6b 10 mM in DMSO	12 μL	
¹⁸ F in ¹⁸ O water solution	100 μL	340 MBq @15:26
Water	128 μL	

- 15:26 start incubation 37°C
- 15:56 5 μL of reaction mixture were diluted with 95 μL of water, boiled at 95°C for 5 min and spun at 13500 rpm for 5 min. 20 μL (6.6 MBq) were loaded in the HPLC syringe and injected in analytical HPLC, 1.3 MBq residue in the syringe after injection)
- 16:01 reaction mixture back to incubation 37°C
- 16:31 reaction mixture was boiled at 95°C for 6 min and spun at 13500 rpm for 5 min. Final activity 208 MBq @16:33
20 μL (0.7 MBq) were loaded in the HPLC syringe and injected in analytical HPLC

No clear precipitation of protein (gel like)

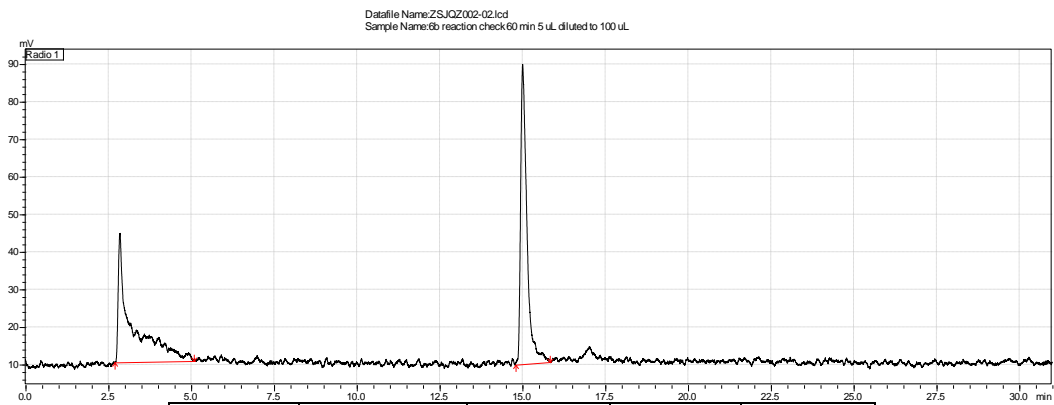


Check at 30 min



Peak#	Ret. Time	Area	Height	Area%
1	2.853	1320173	55869	54.623
2	15.008	1096722	89067	45.377
Total		2416896	144936	100.000

Final solution 60 min



Peak#	Ret. Time	Area	Height	Area%
1	2.858	927889	34226	46.830
2	15.012	1053505	79435	53.170
Total		1981393	113661	100.000