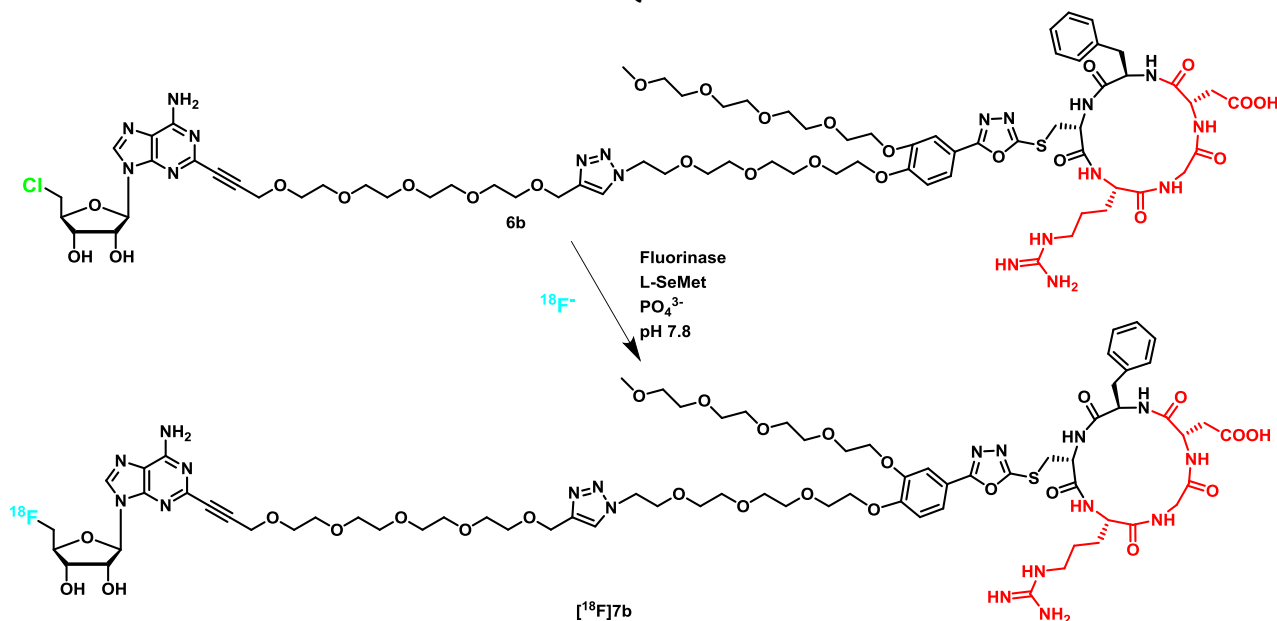


ZSJQZ004



Compound	Amount	
Fluorinase Freeze dried enzyme	5 mg	20 mg/mL final conc
L-Selenomethionine 2mM water	50 μL	
Precursor 6b 10 mM in DMSO	12 μL	
¹⁸ F in ¹⁸ O water solution	100 μL	507 MBq @14:36
Water	128 μL	

¹⁸F solution approx. 4.3 GBq in 0.6 mL

14:36 start incubation 37°C 507 MBq

16:21 reaction mixture was boiled at 95°C for 6 min and spun at 13500 rpm for 5 min.

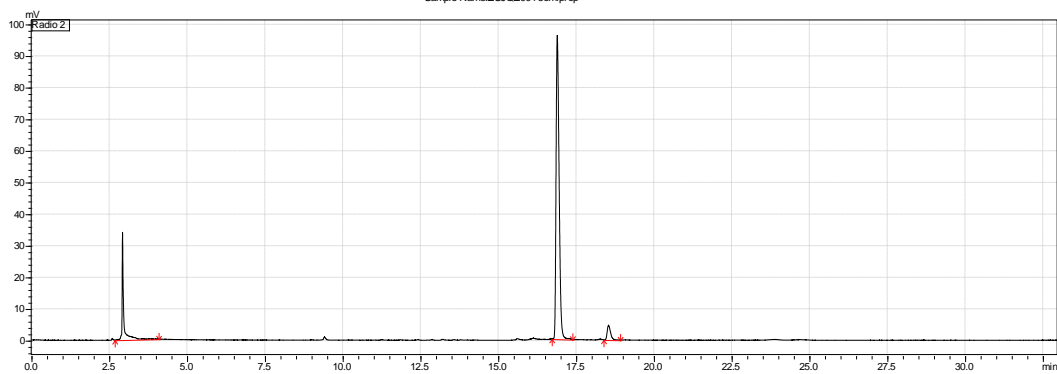
Final activity 333 MBq @15:32

600 μL (301 MBq) were loaded in the HPLC syringe and injected in semiprep HPLC, 5.6 MBq @15:37 residue in the syringe

No clear precipitation of protein (gel like)

From semiprep HPLC 21 MBq @ 16:00 were collected, diluted with 20 mL of water (19 MBq @ 16:07) loaded on an Oasis HLB plus cartridge (Waters, conditioned with 2 mL EtOH and 2 mL Water). 18 MBq @ 16:10 were trapped in the cartridge after 10 mL water wash. 15.4 MBq @16:15 were eluted with 1 mL of EtOH. 2 Mbq @16:15 were left in the cartridge.

Datafile Name: ZSJQZ004 semiprep-1.fcd
Sample Name: ZSJQZ004 semiprep



Peak#	Ret. Time	Area	Height	Area%
1	2.931	113253	33275	14.187
2	16.900	651064	95677	81.559
3	18.549	33954	4615	4.253
Total		798270	133566	100.000