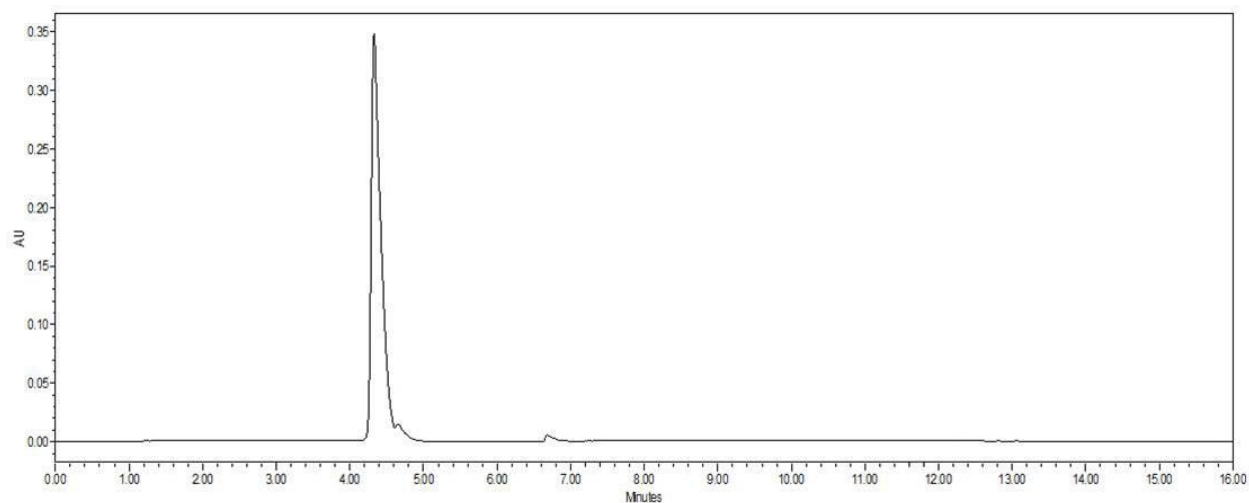




Peak	Migration Time	Area	% Area	Height
1	4.329	3170662	95.03	347718
2	4.649	126408	3.79	14406
3	6.681	39276	1.18	5475

Purity = 95.03 %

1. Column: Waters Symmetry C18 5 um 4.6*250 mm Column
2. Solvent: 2% Acetonitrile: 98% H₂O
3. Wavelength: 254 nm
4. Flow: 1 mL/min
5. System: Waters Alliance 2695 Separations Module Combined
Waters 2998 Photodiode Array Detector
6. Software: Waters Empower 2 TM

Fig. S1. HPLC trace of FA-PEG_{7.5K}-DOA.

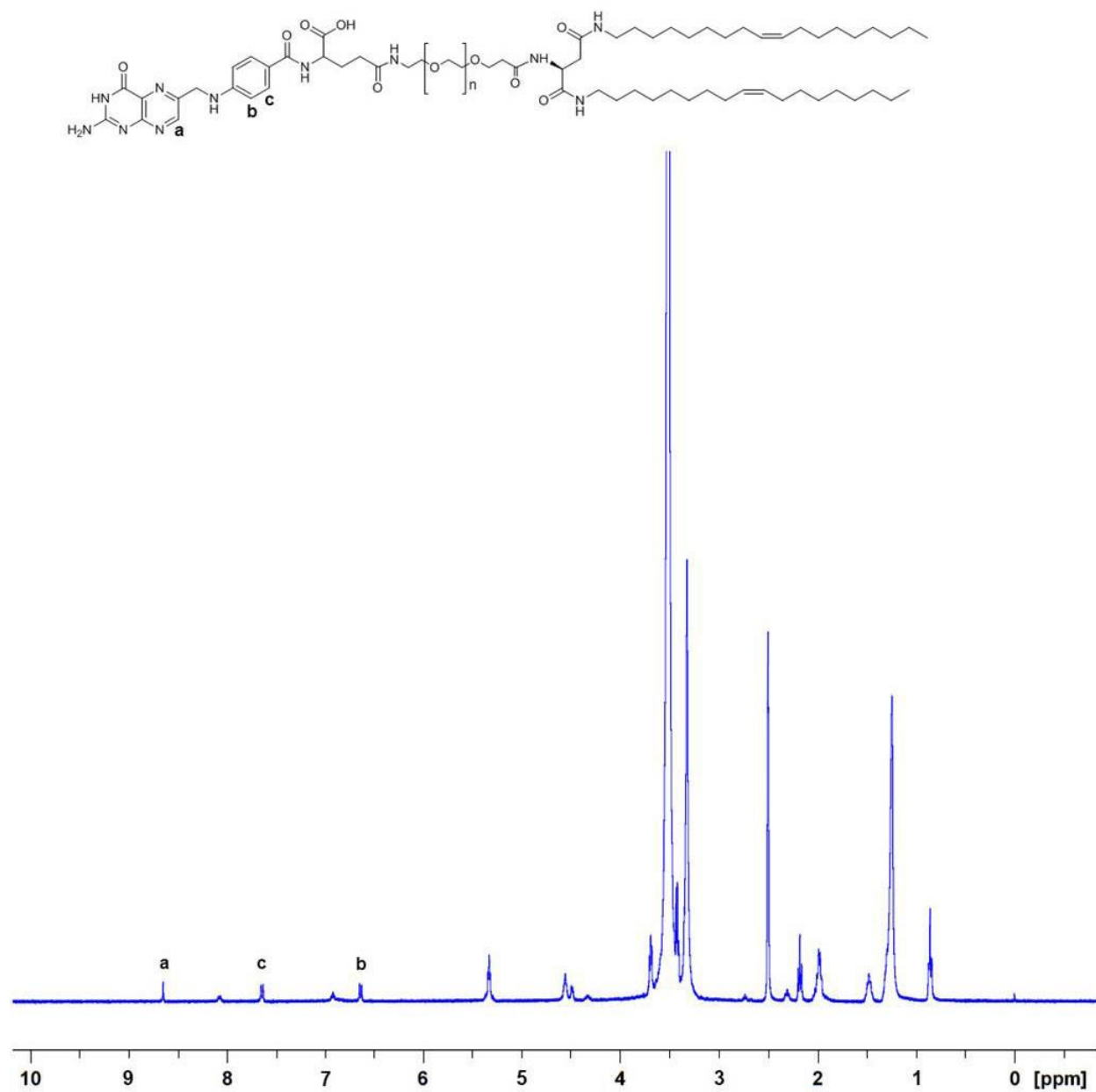


Fig. S2. ¹H NMR spectrum (400 MHz) of FA-PEG_{7.5K}-DOA in DMSO

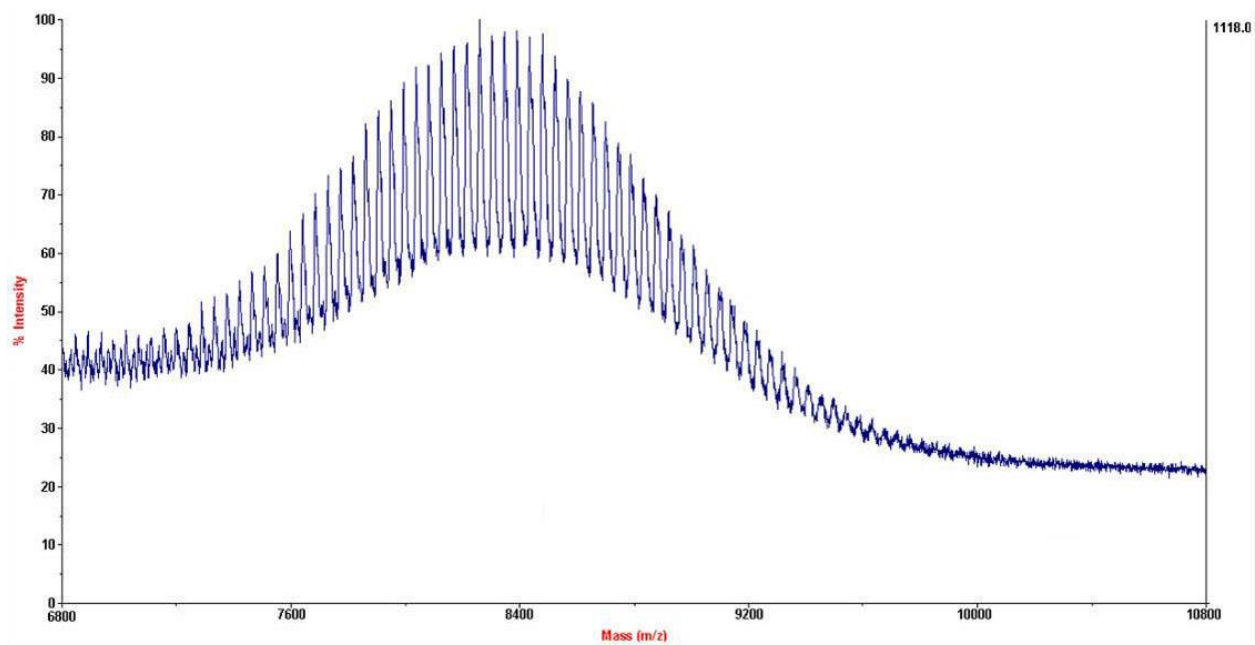


Fig. S3. MALDI-TOF of FA-PEG_{7.5K}-DOA.