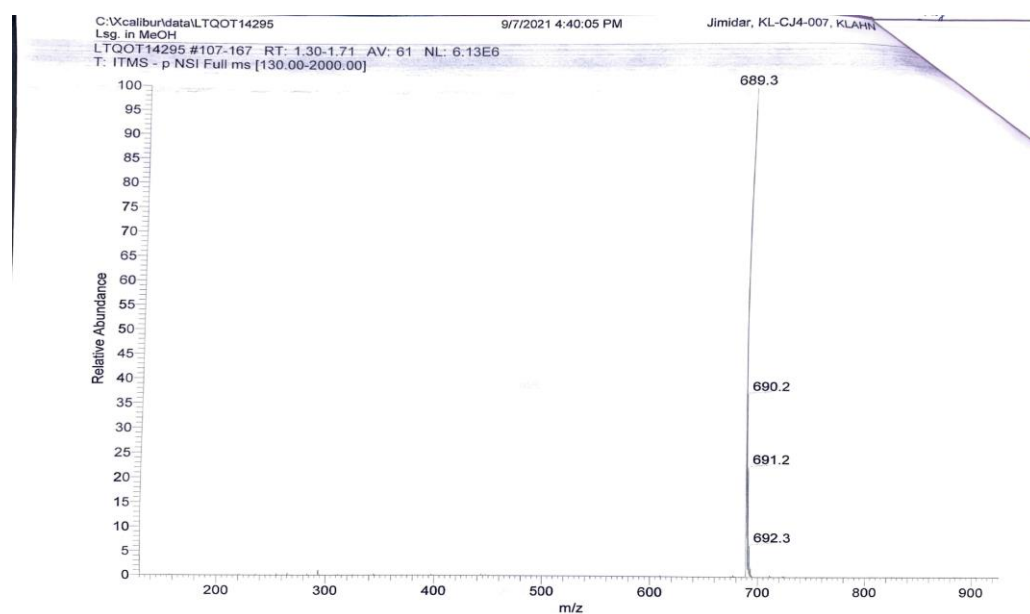
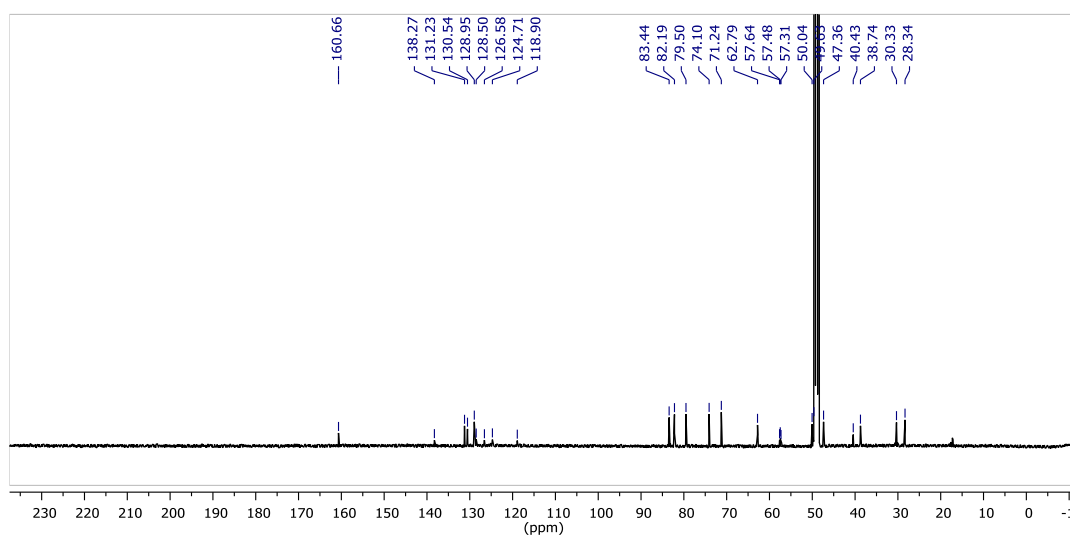
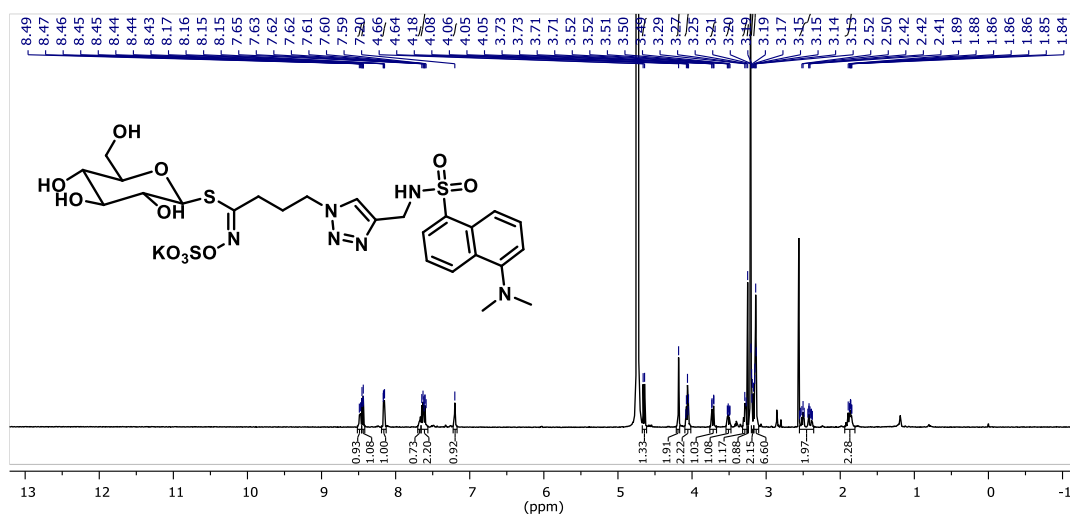
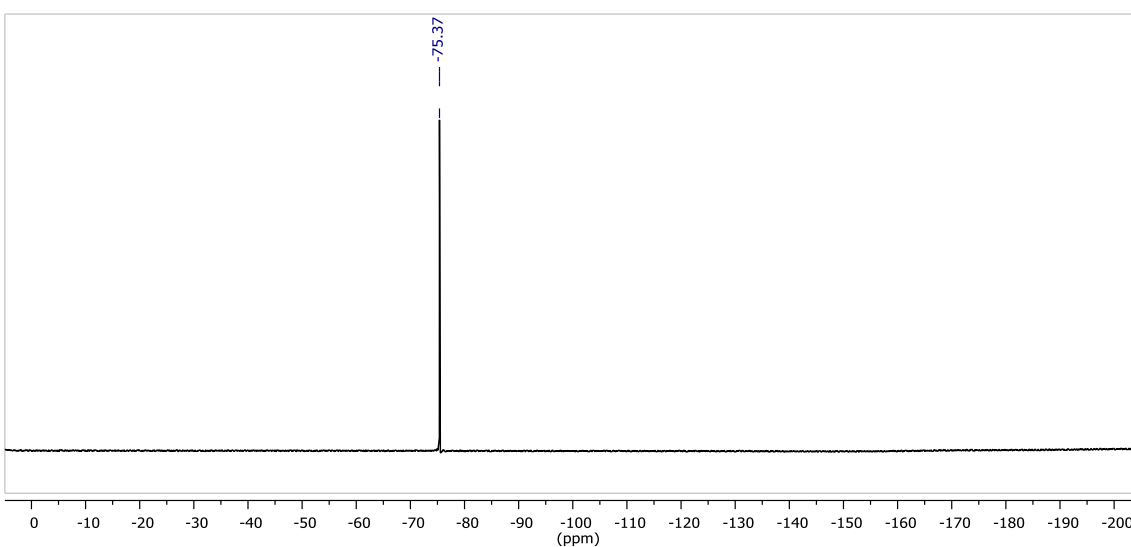
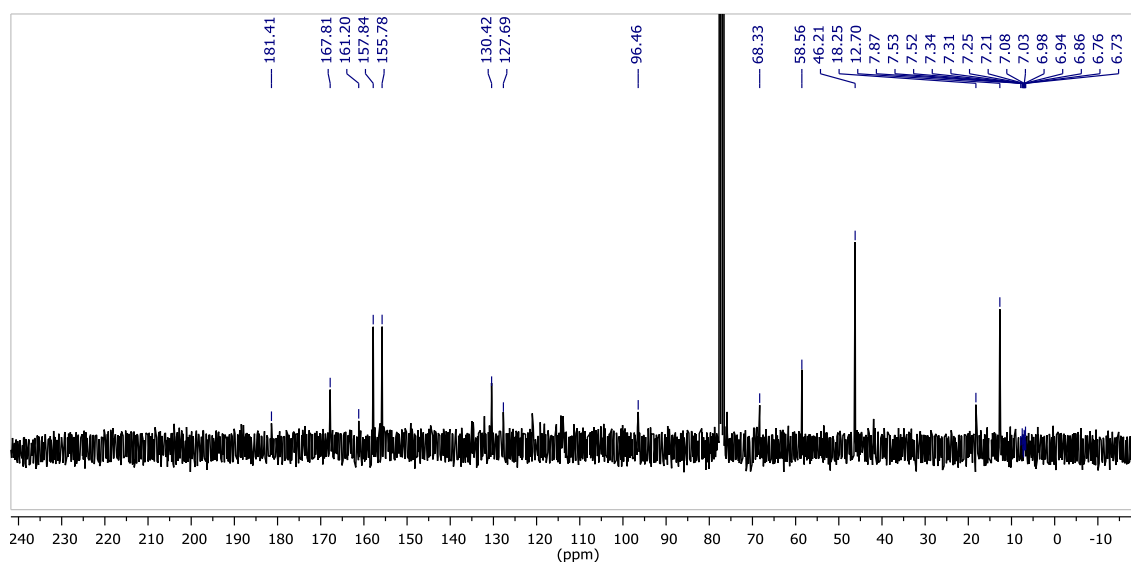
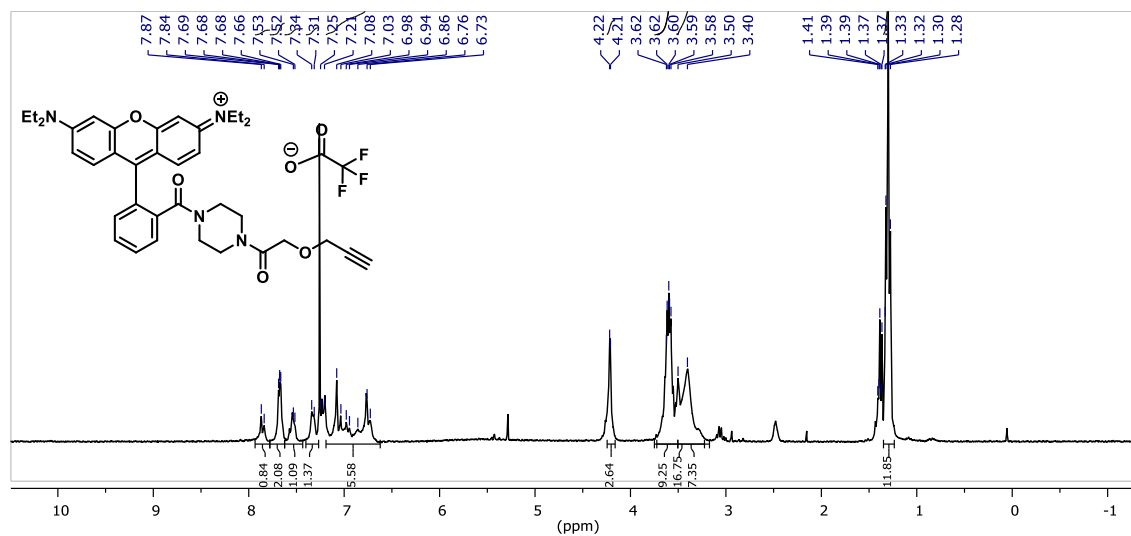


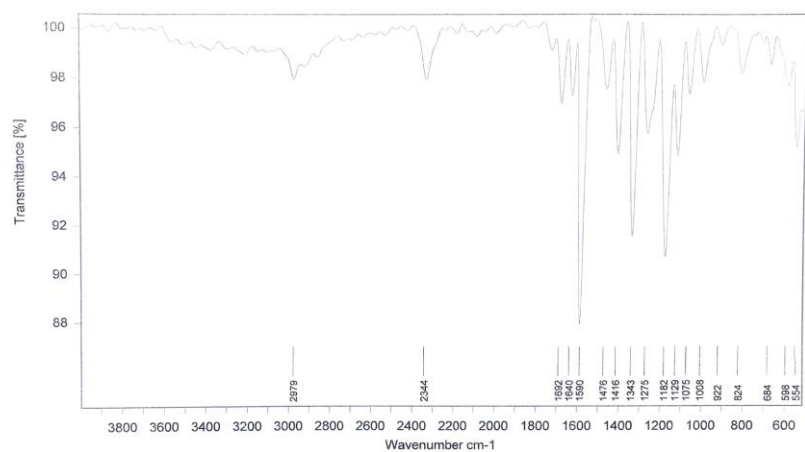
¹H and ¹³C NMR spectra of new compounds

GSL-A-Dansylamide



***N*-(6-(diethylamino)-9-(2-(4-(2-(prop-2-yn-1-yloxy)acetyl)piperazine-1-carbonyl)phenyl)-3*H*-xanthen-3-ylidene)-*N*-ethylethanaminium 2,2,2-trifluoroacetate - Rhodamine**





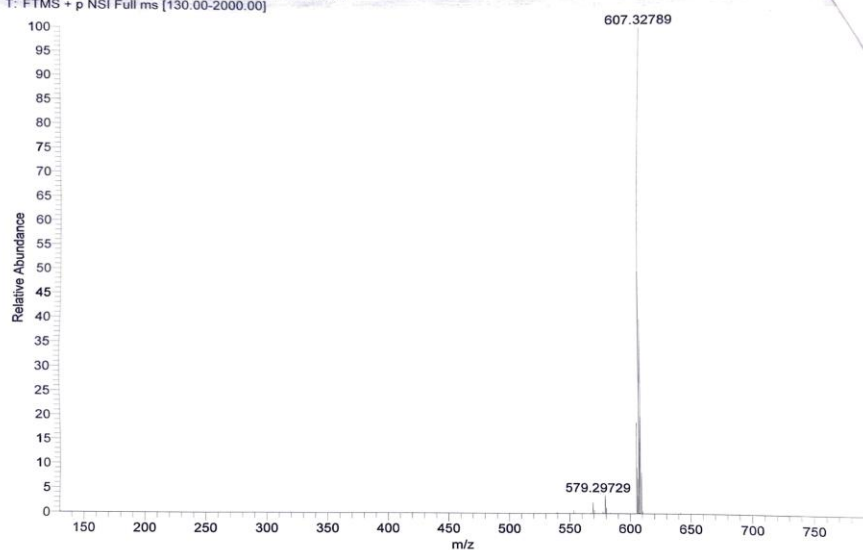
Instrument: Bruker Tensor 27	
Filename: jic30915.0	Number of Scans: 32
Sample Name: KL-CJ4-004	Operator Name: Default
Technique: Diamant-ATR	Date & Time of Measurement: 02.11.2021 15:44:00

02.11.2021

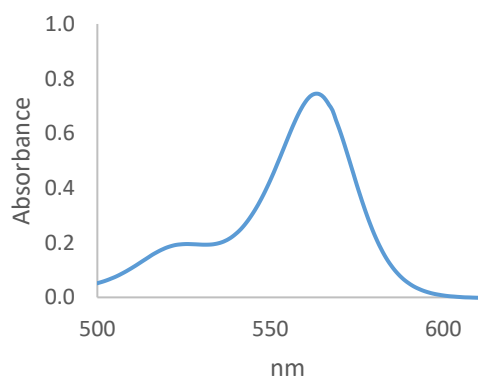
C:\Xcalibur\data\LTQOT14292
Lsg. in MeOH
LTQOT14292 #2-6 RT: 0.04-0.15 AV: 5 NL: 1.43E9
T: FTMS + p NSI Full ms [130.00-2000.00]

9/7/2021 4:34:50 PM

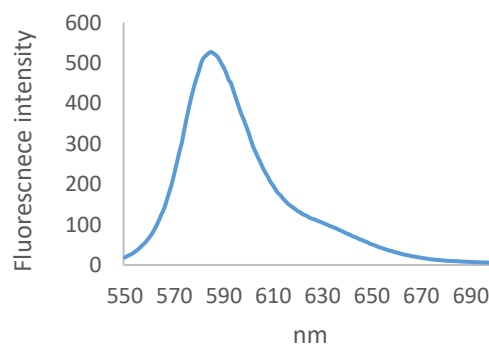
Jimidar, KL-CJ4-004, KLAHN



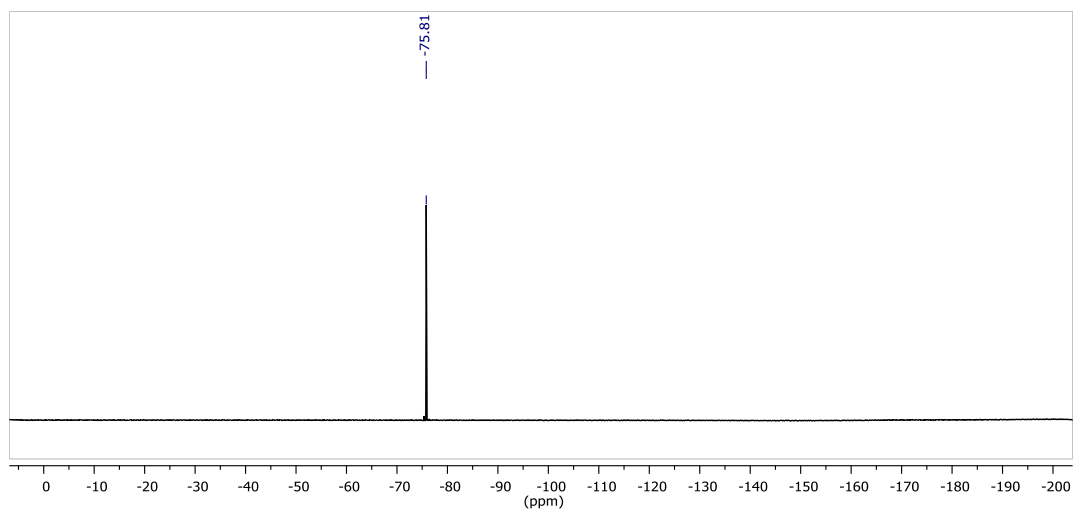
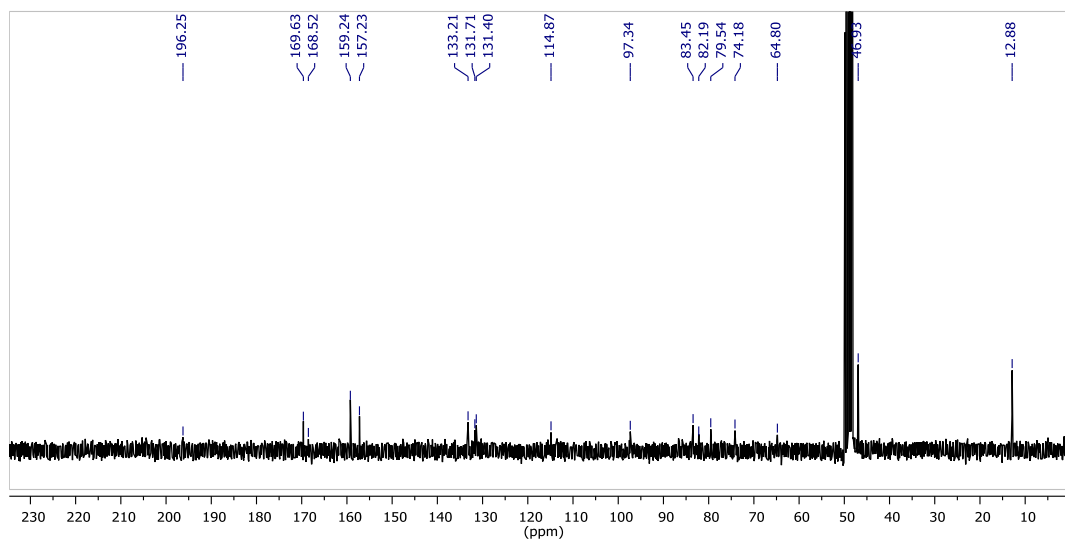
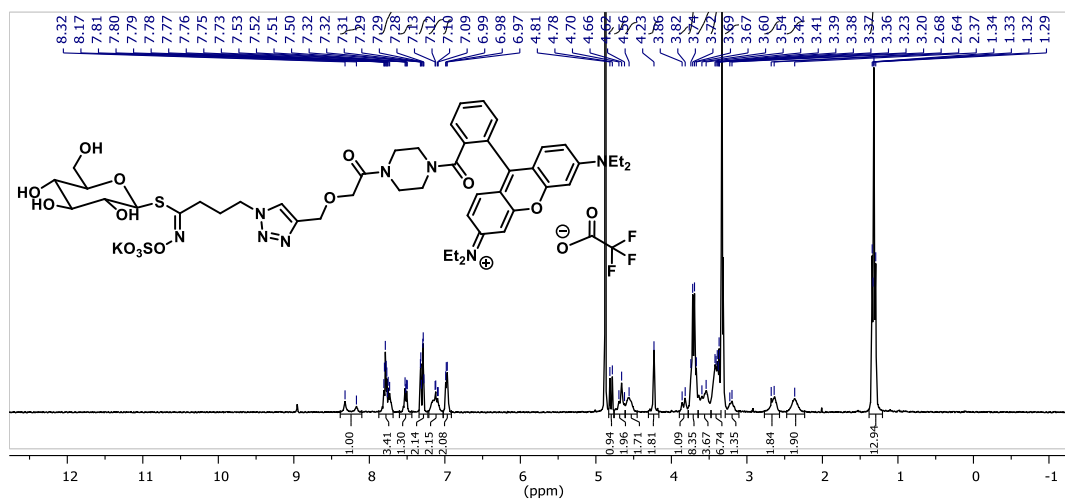
UV-VIS spectrum Rhodamine



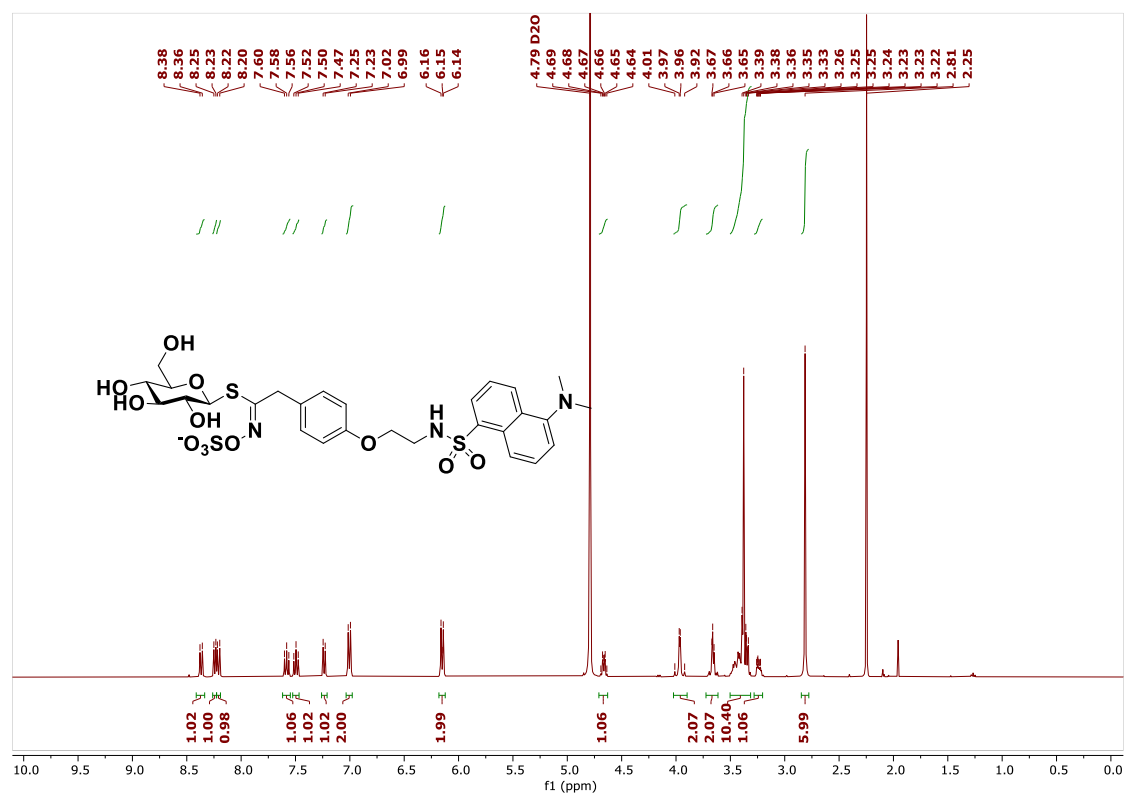
Fluorescence emission spectrum Rhodamine



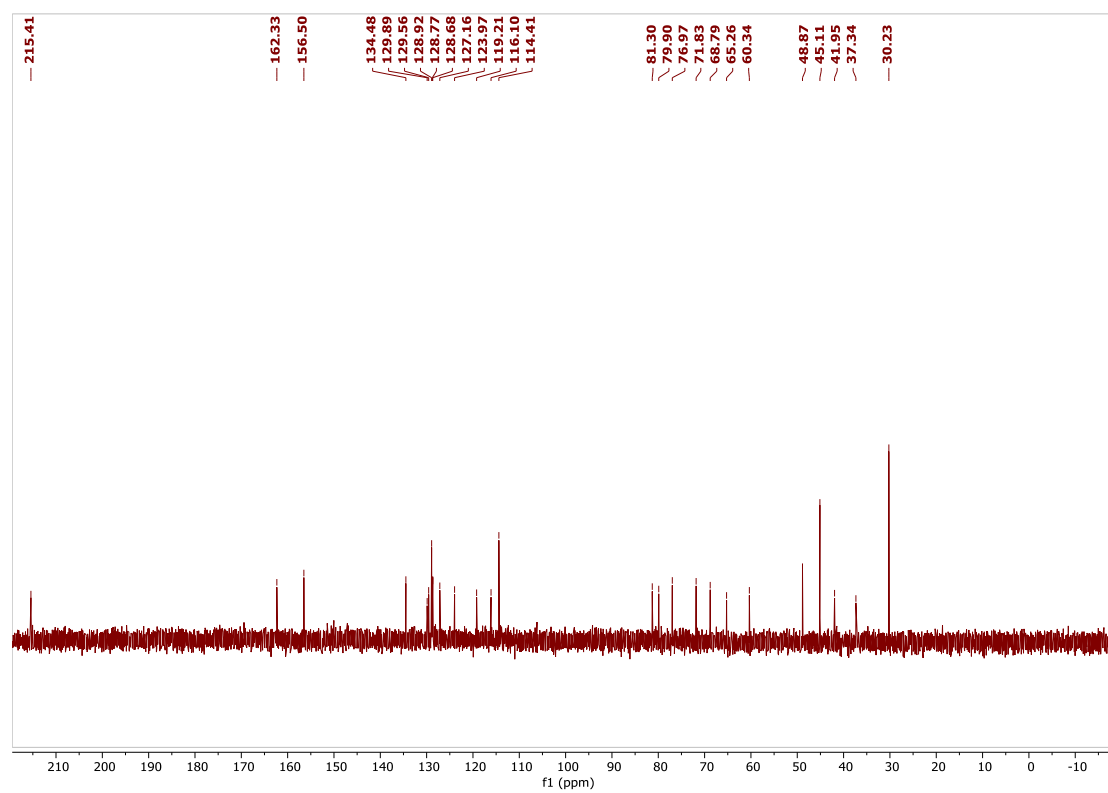
GSL-A-Rhodamine



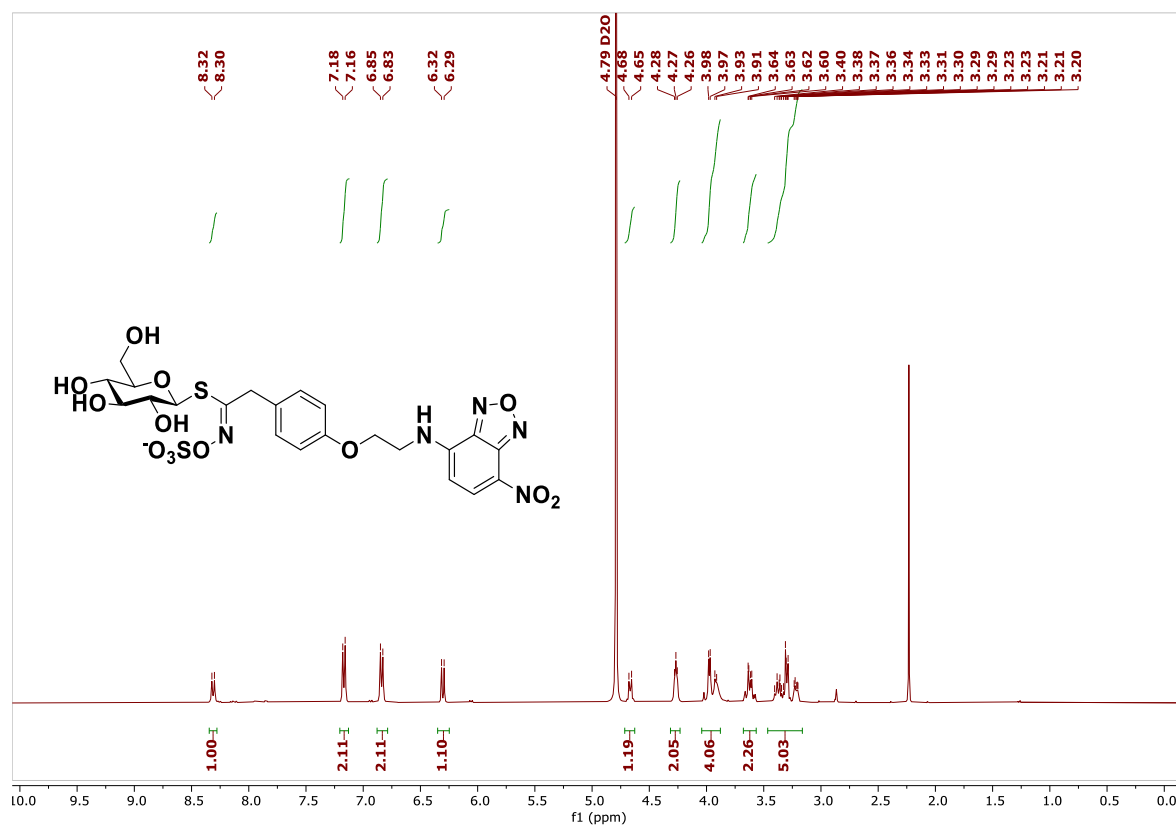
GSL-B-DNS - ^1H NMR (400 MHz, D_2O)



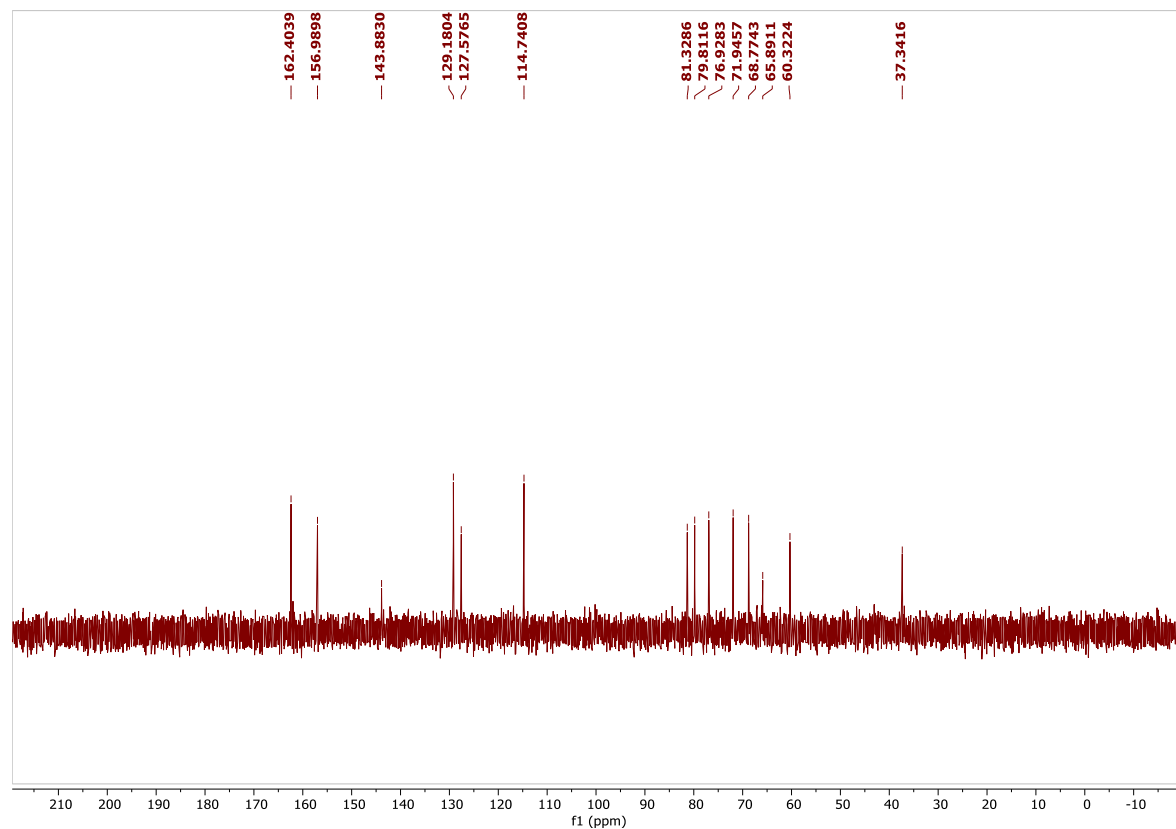
^{13}C NMR (100 MHz, D_2O , internal acetone)



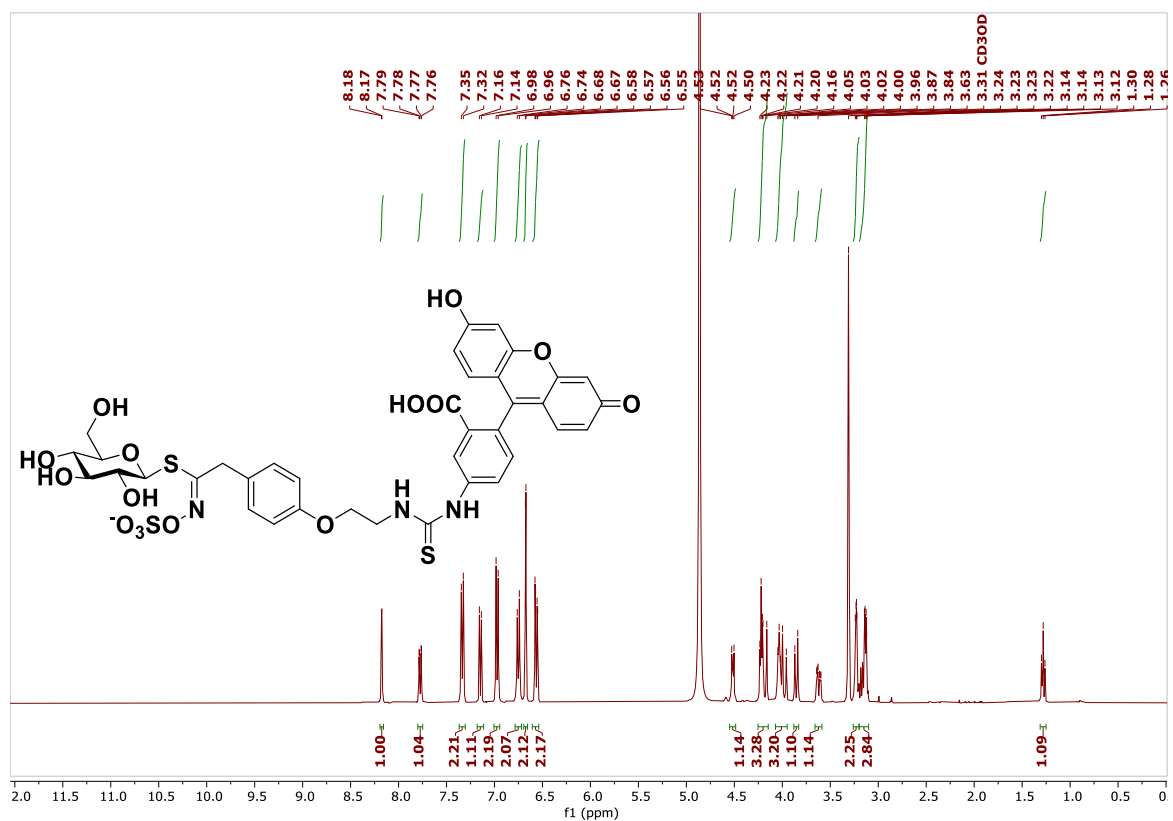
GSL-B-NBD - ^1H NMR (400 MHz, D_2O)



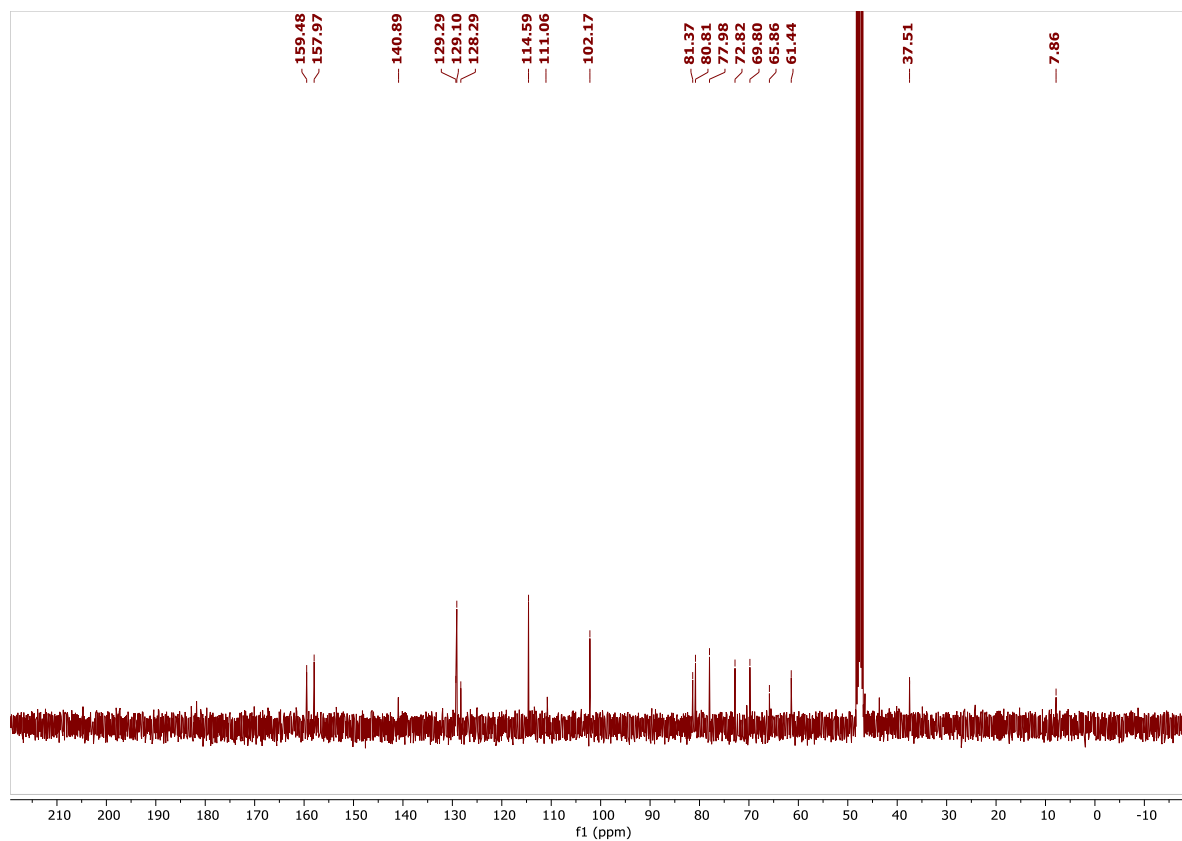
^{13}C NMR (100 MHz, D_2O , internal acetone)



GSL-B-Fluorescein - ^1H NMR (400 MHz, CD_3OD)



^{13}C NMR (100 MHz, CD_3OD)



[illegible]

¹³C NMR spectrum (f1 (ppm)) of compound 10. The spectrum shows several sharp peaks, with the following chemical shifts (ppm) labeled above the corresponding peaks:

- 161.89
- 157.20
- 142.00
- 136.32
- 134.80
- 134.69
- 131.84
- 131.34
- 131.21
- 103.78
- 83.65
- 82.25
- 79.53
- 74.24
- 71.24
- 62.74
- 33.20
- 29.17
- 27.54
- 26.94
- 26.52