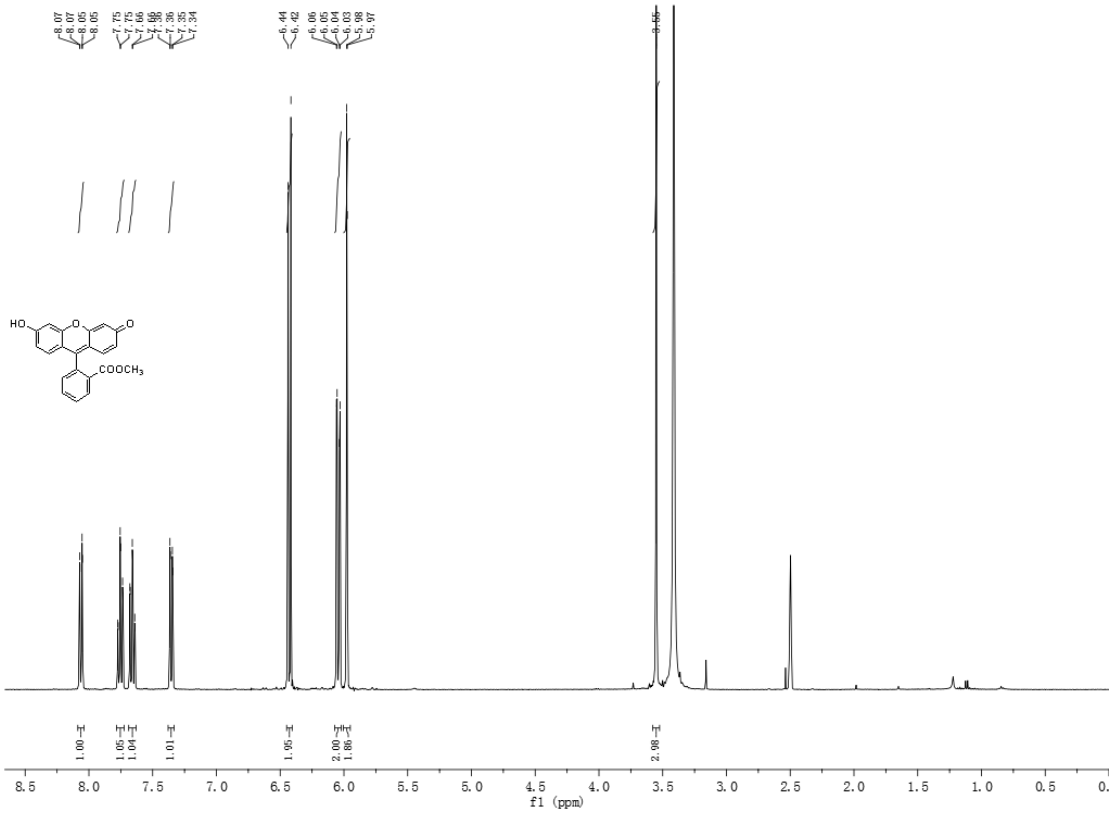
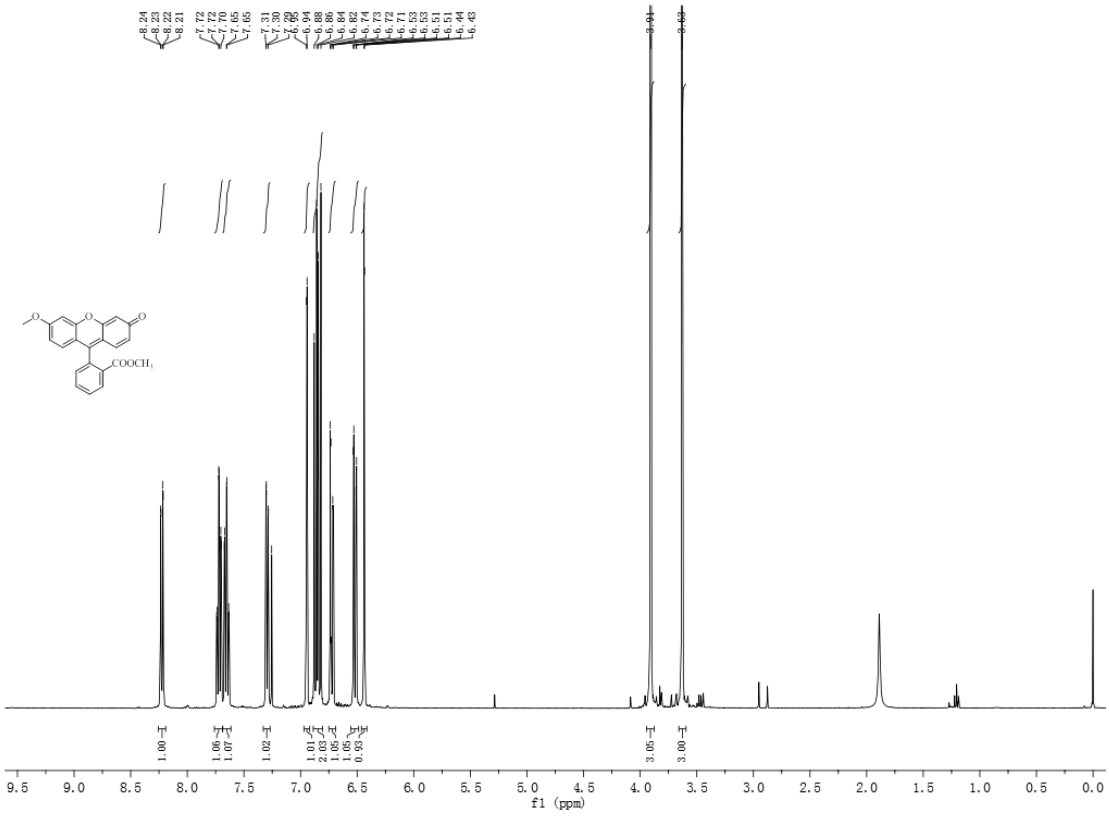
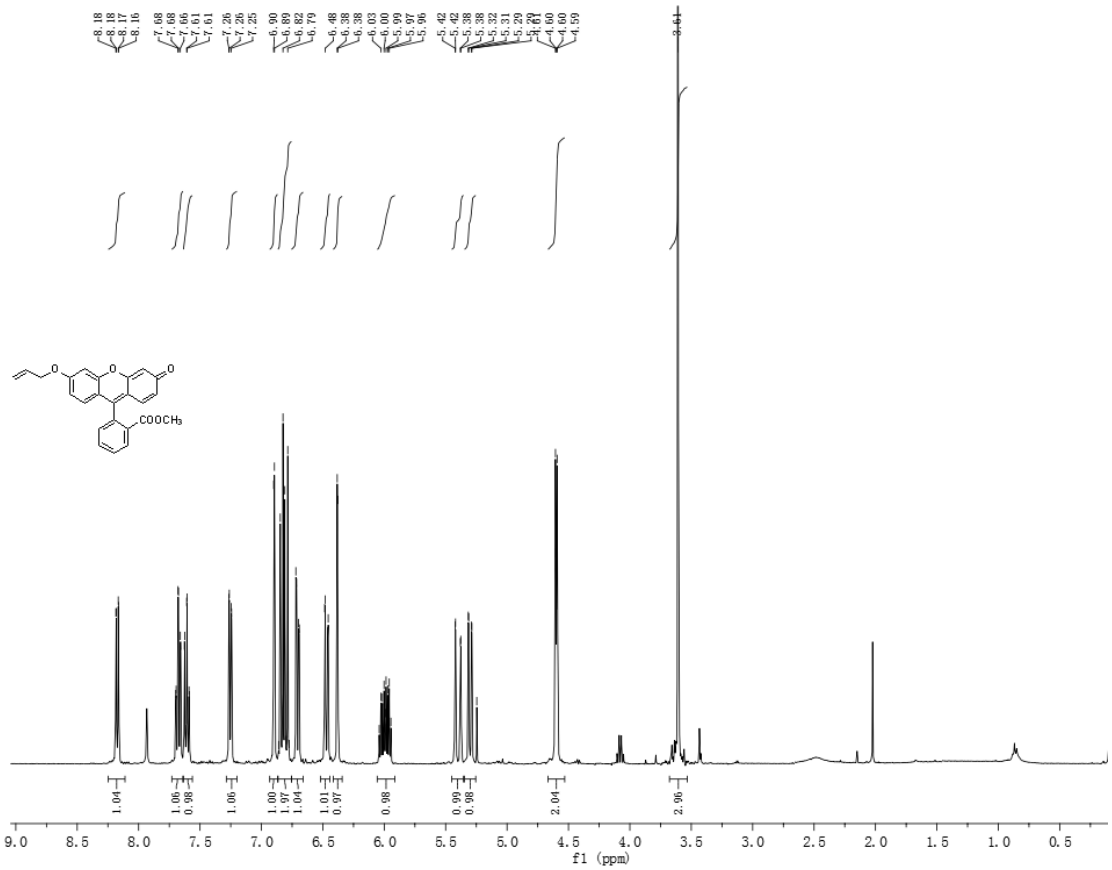
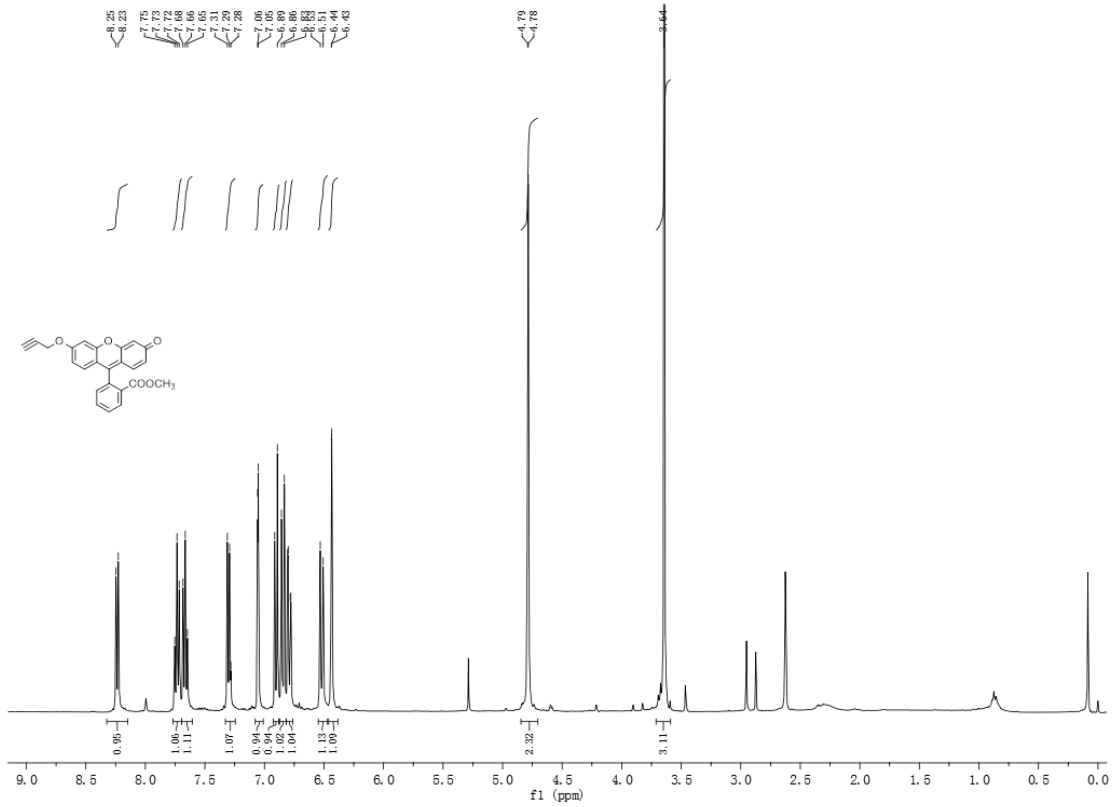
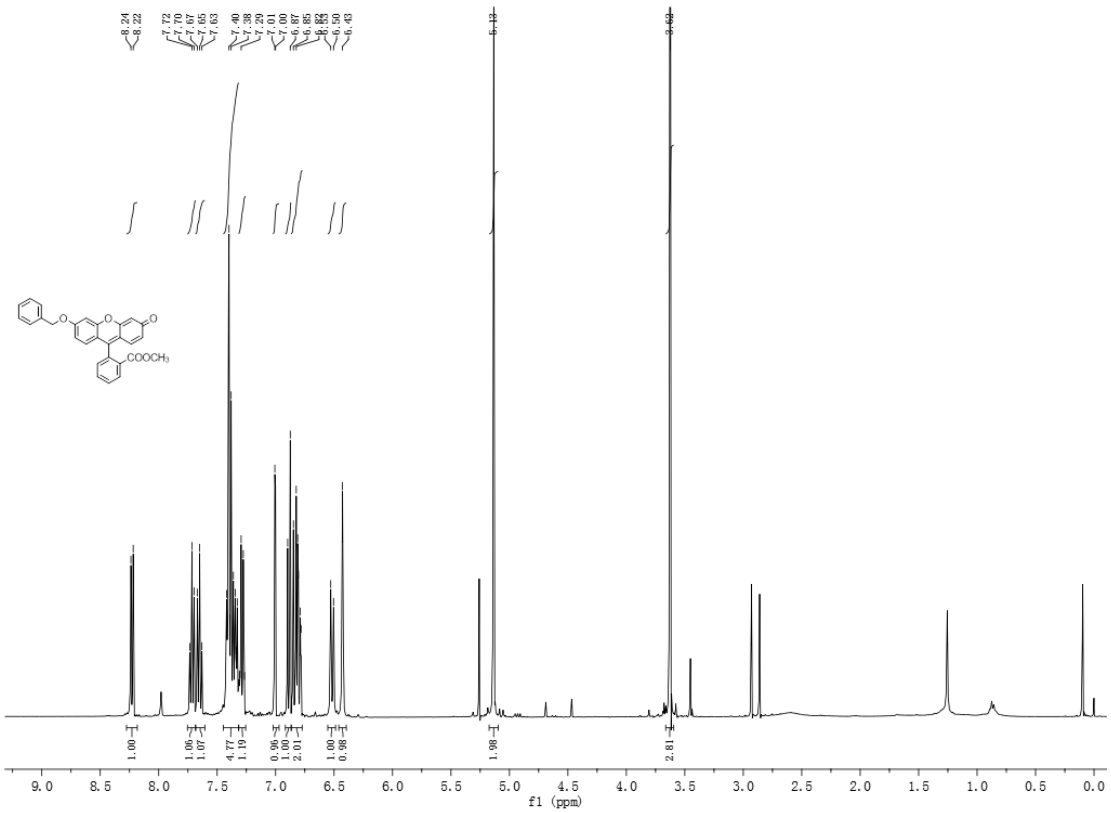
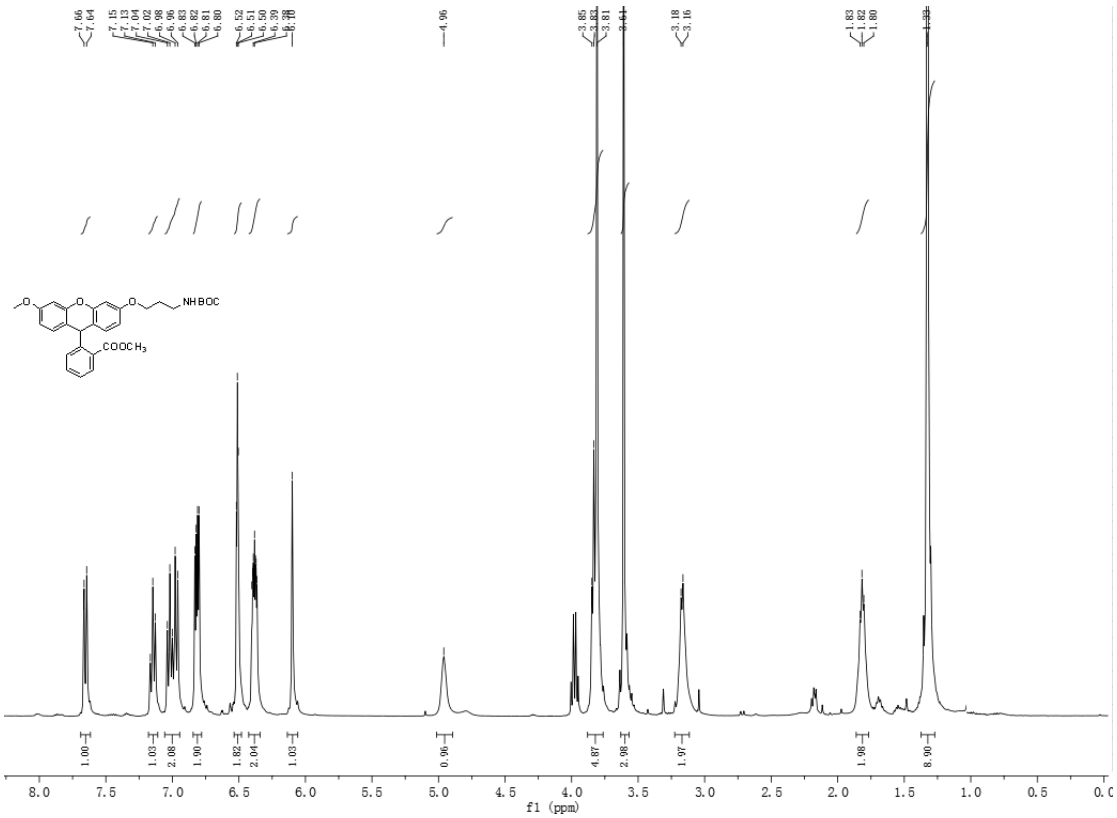

HO
O
O
COOCH3
f1 (ppm)

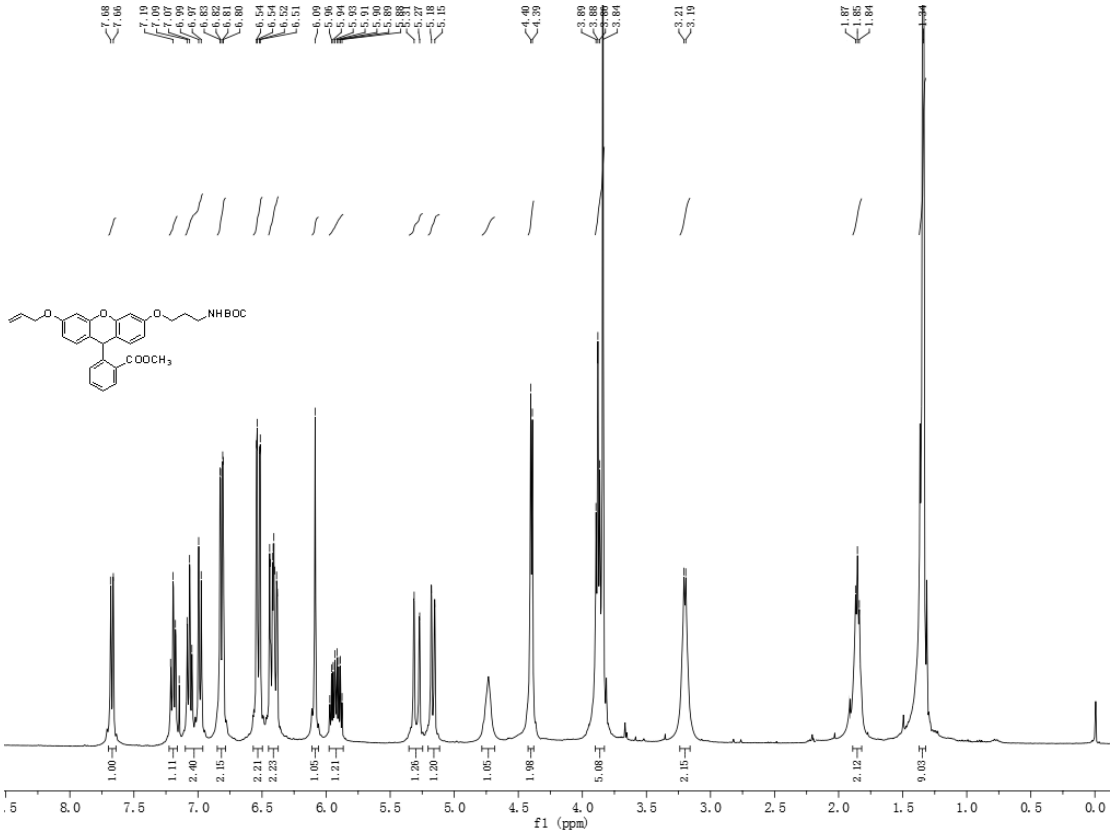

O
O
O
COOCH3
f1 (ppm)

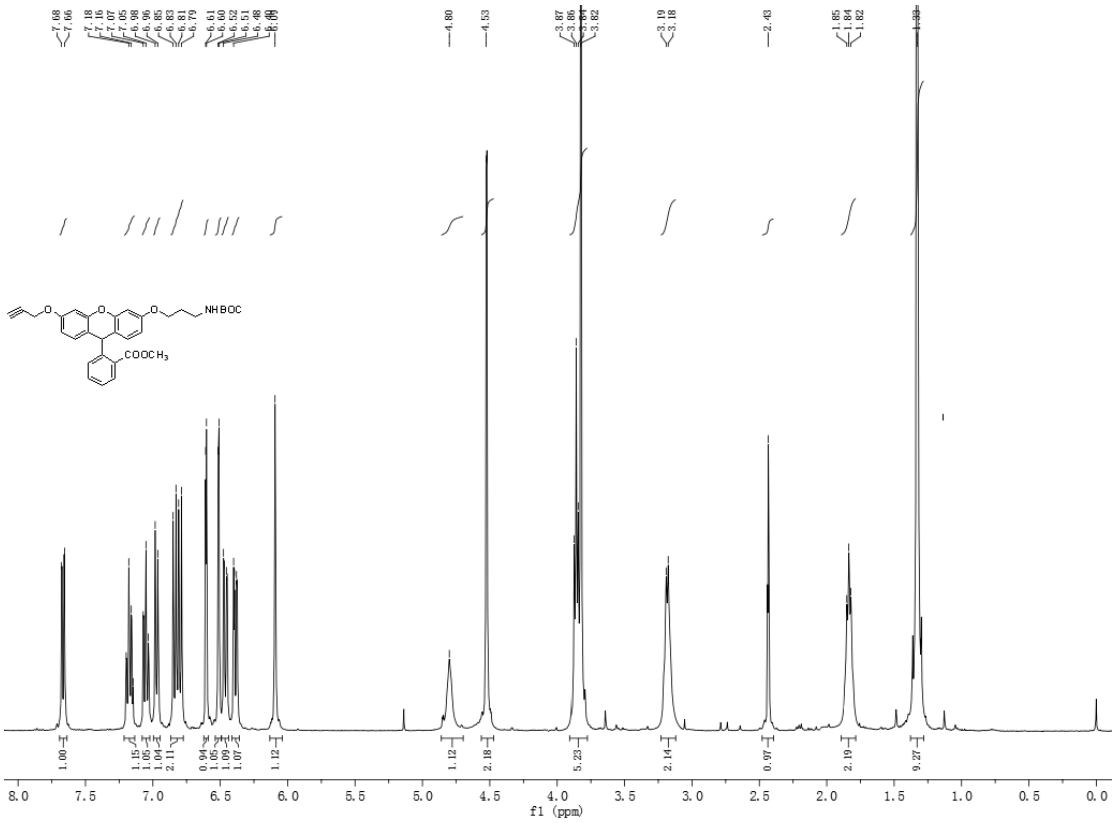

COOCH3
f1 (ppm)

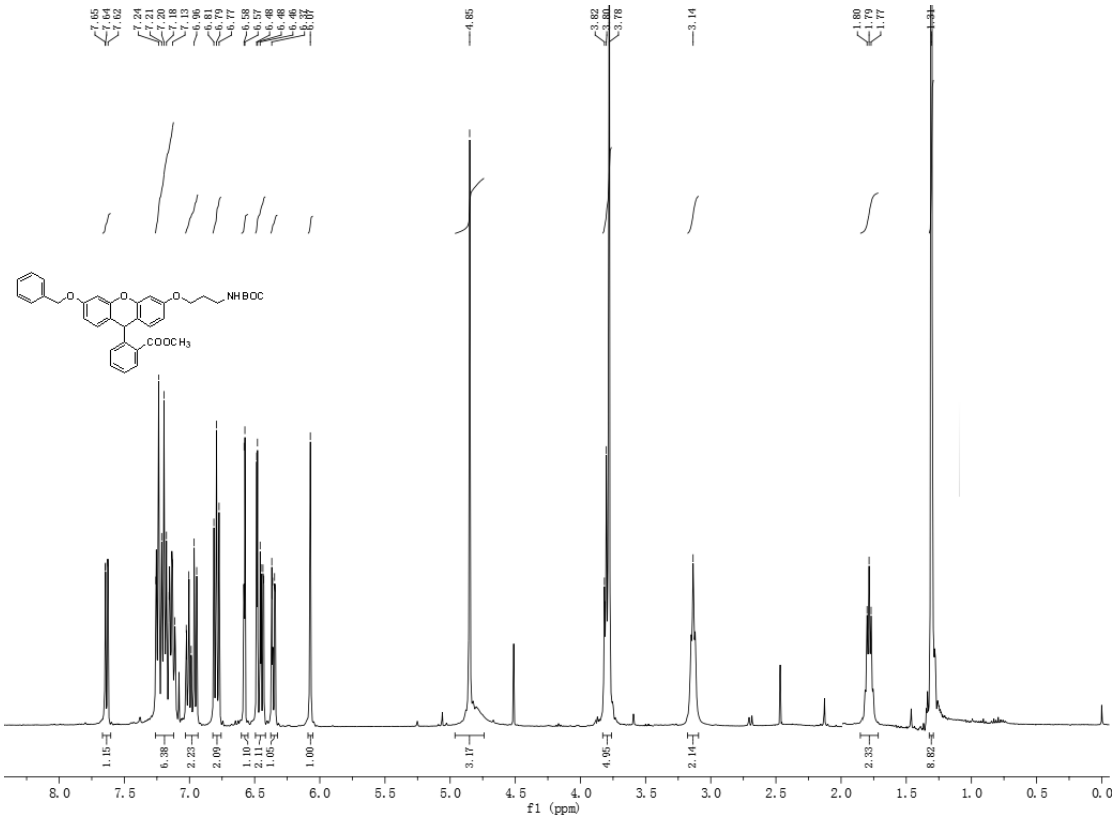

COOCH3
f1 (ppm)

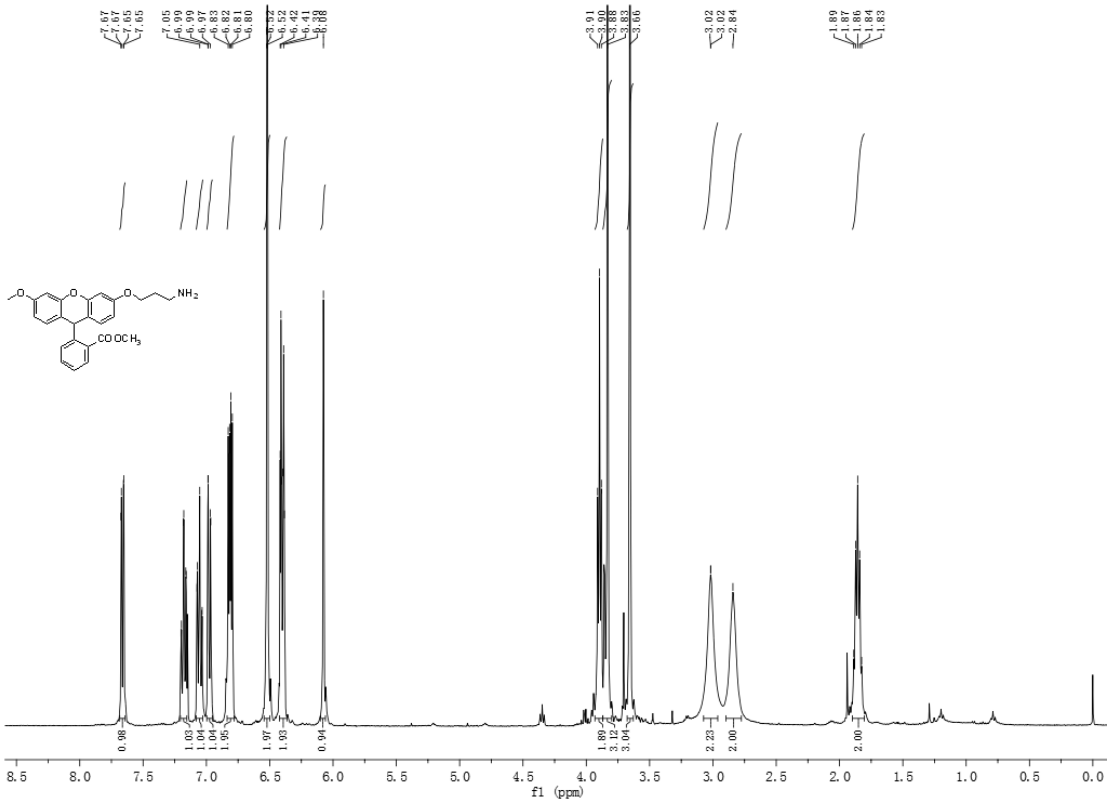

COOCH3
f1 (ppm)

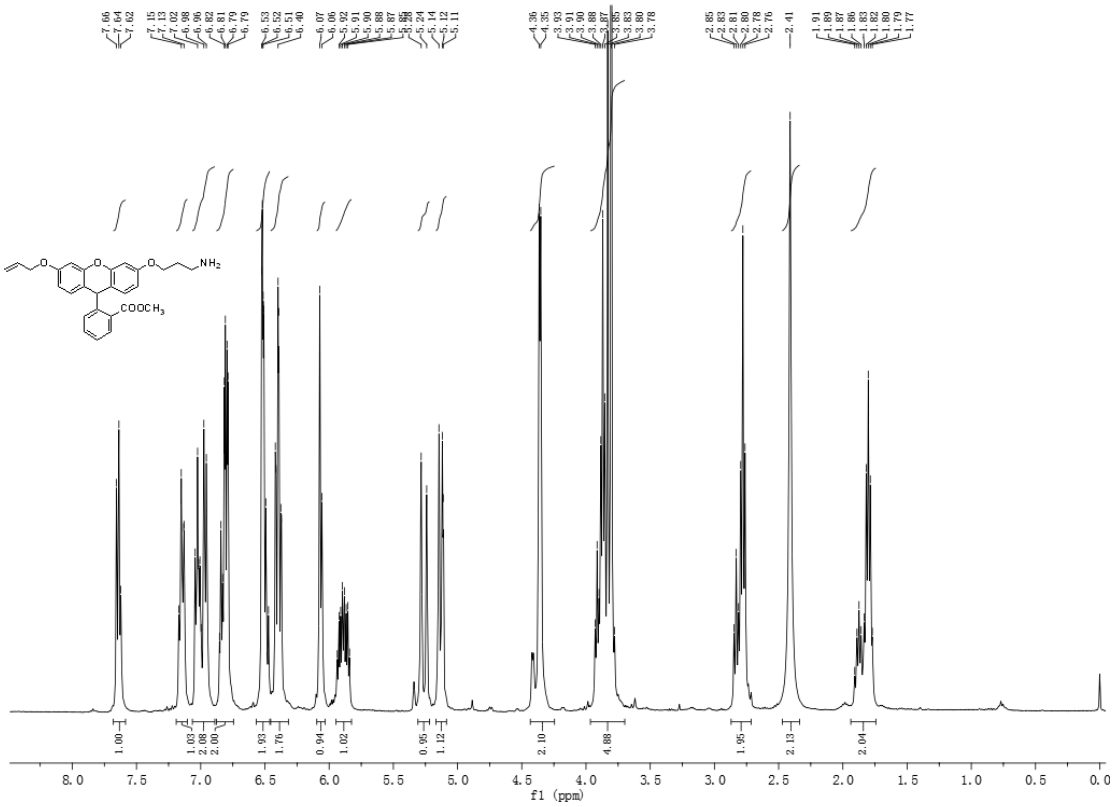

NHBOC
COOCH3
f1 (ppm)

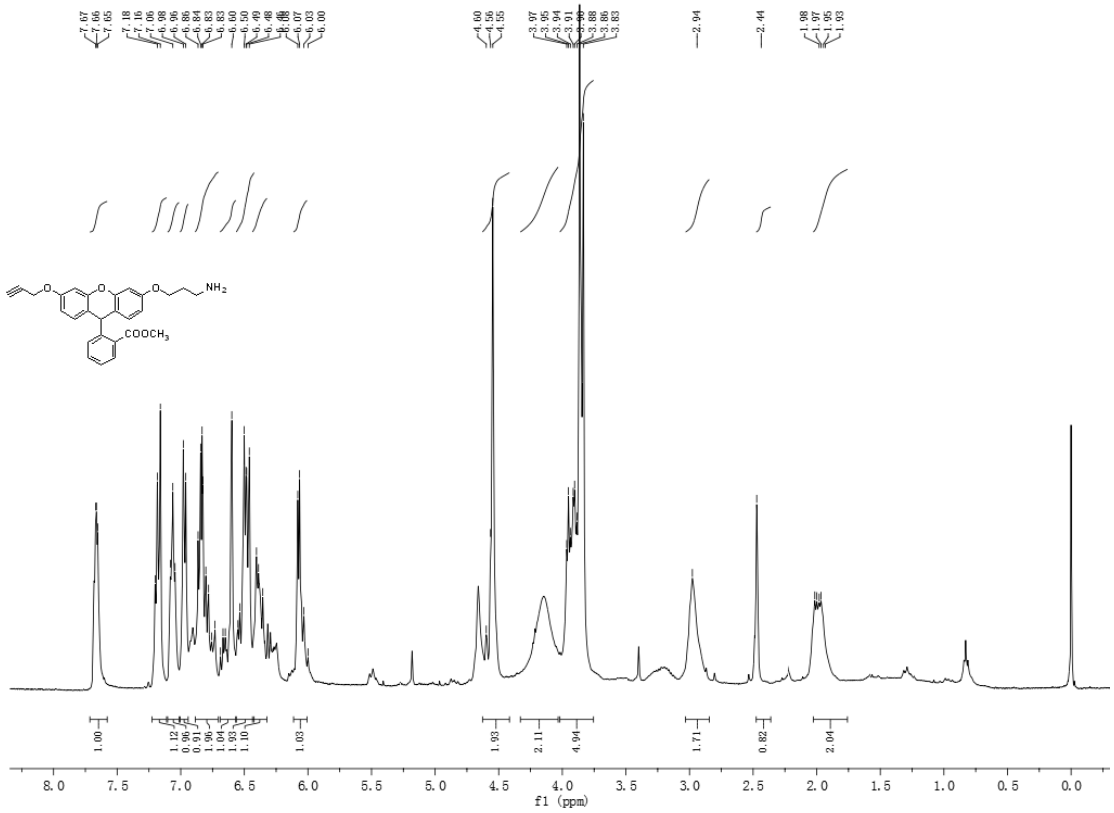

NHBOC
COOCH3
f1 (ppm)

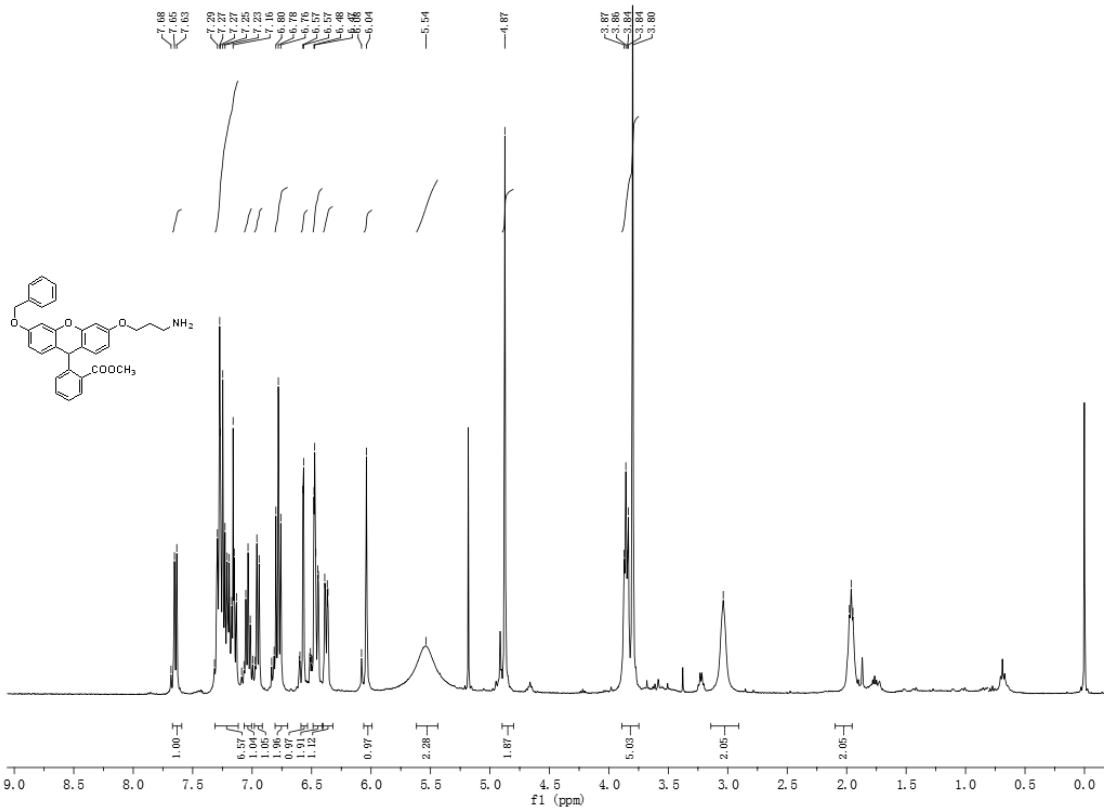

NHBOC
COOCH3
f1 (ppm)

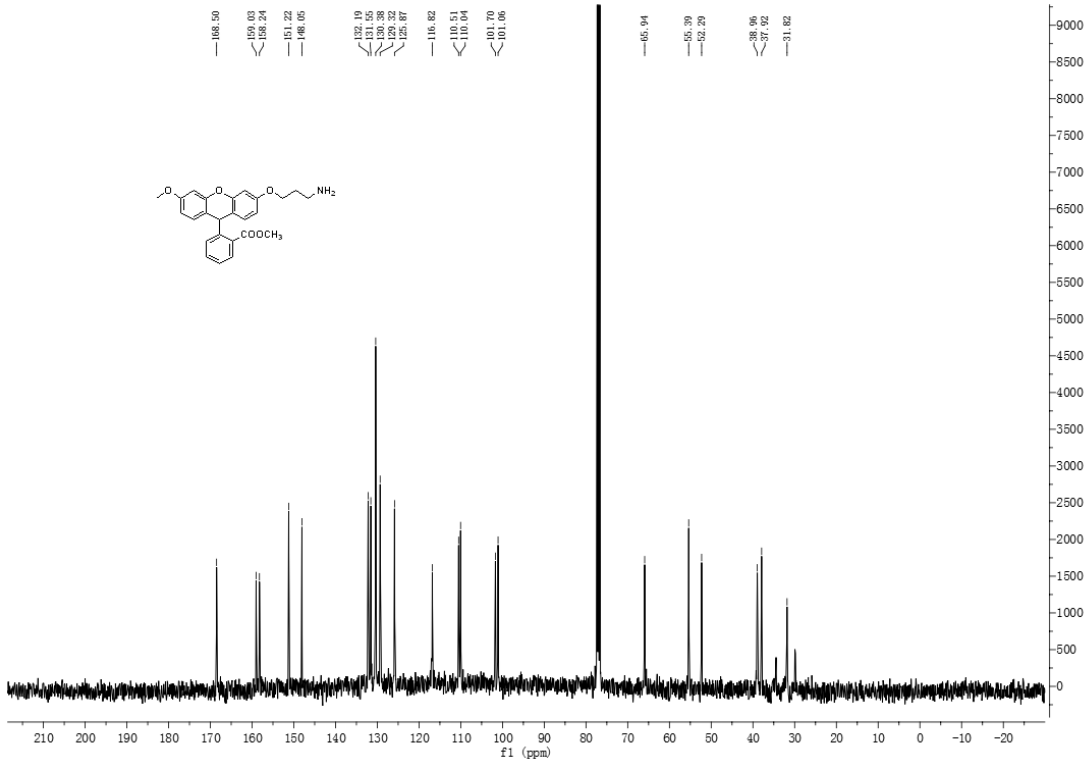

NHBOC
COOCH3
f1 (ppm)

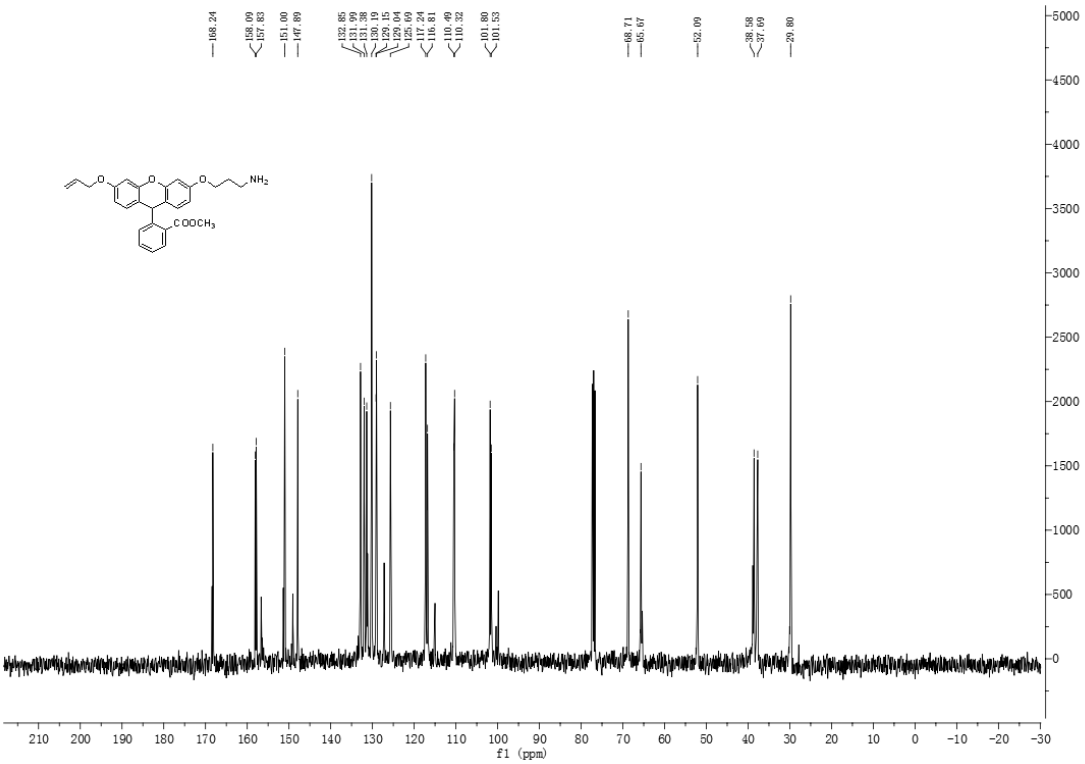

NH2
COOCH3
f1 (ppm)


NH2
COOCH3
f1 (ppm)


NH2
COOCH3
f1 (ppm)


7.68
7.65
7.63
7.29
7.27
7.27
7.25
7.23
7.16
6.80
6.78
6.75
6.57
6.48
6.04
5.54
4.87
3.87
3.86
3.84
3.84
3.80
NH2
COOCH3
1.00
6.57
1.04
1.05
1.96
0.97
1.91
1.12
0.97
2.28
1.87
5.03
2.05
2.05
9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)


168.50
159.03
158.24
151.22
148.05
132.19
131.55
130.38
129.32
125.87
116.82
110.51
110.04
101.70
101.06
65.94
55.39
52.29
38.96
37.92
31.82
NH2
COOCH3
9000 8500 8000 7500 7000 6500 6000 5500 5000 4500 4000 3500 3000 2500 2000 1500 1000 500 0
210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 -20
f1 (ppm)


168.24
158.09
157.83
151.00
147.89
132.85
131.99
131.38
130.19
129.15
129.04
125.69
117.24
116.81
110.49
110.32
101.80
101.53
68.71
65.67
52.09
38.58
37.69
29.80
COOCH3
NH2
f1 (ppm)