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Supplementary Information

Benzofuroacridine and benzothienoacridine as new donor moieties for emission color management of thermally activated delayed fluorescent emitters

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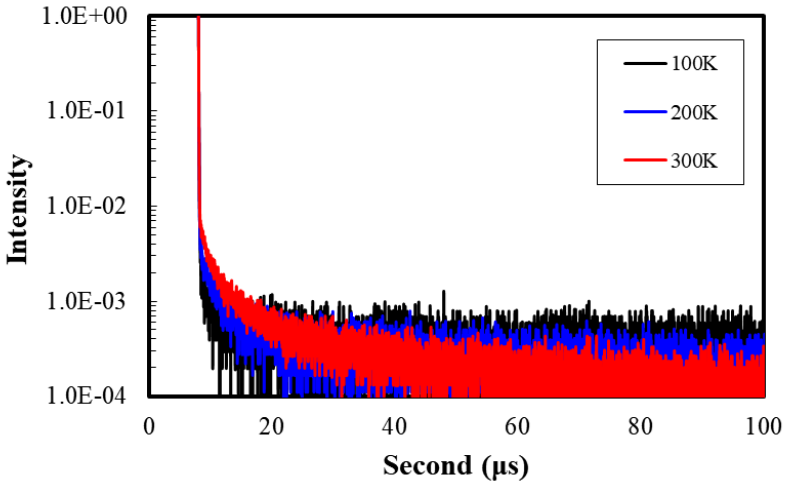
List of Figures

(a)


1.0E+00
1.0E-01
1.0E-02
1.0E-03
1.0E-04
Intensity
0
20
40
60
80
100
Second (μs)
100K
200K
300K

(b)

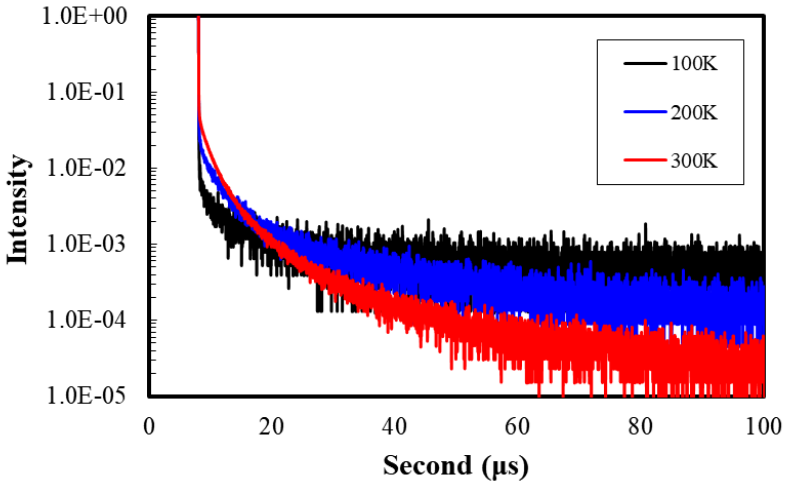
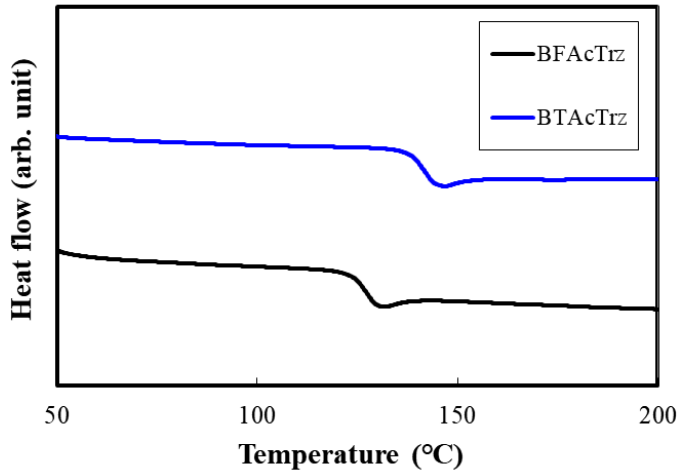

1.0E+00
1.0E-01
1.0E-02
1.0E-03
1.0E-04
1.0E-05
Intensity
0
20
40
60
80
100
Second (μs)
100K
200K
300K

Figure S1.

(a)


BFAcTrz
BTAcTrz
Heat flow (arb. unit)
50
100
150
200
Temperature (°C)

(b)

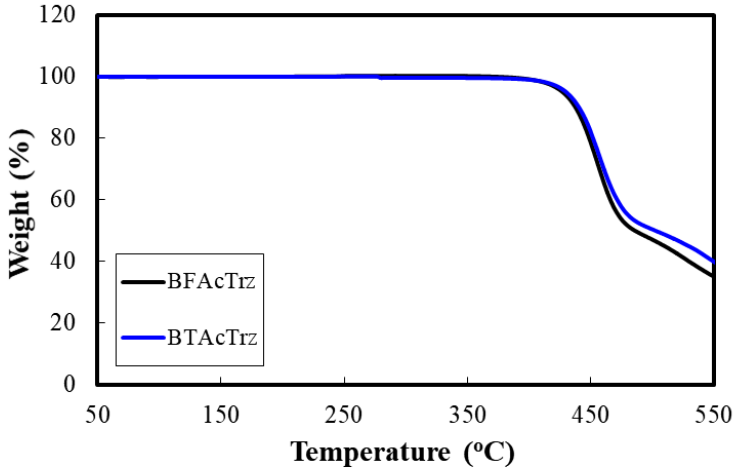

120
100
80
60
40
20
0
Weight (%)
BFAcTrz
BTAcTrz
50
150
250
350
450
550
Temperature (°C)

Figure S2.

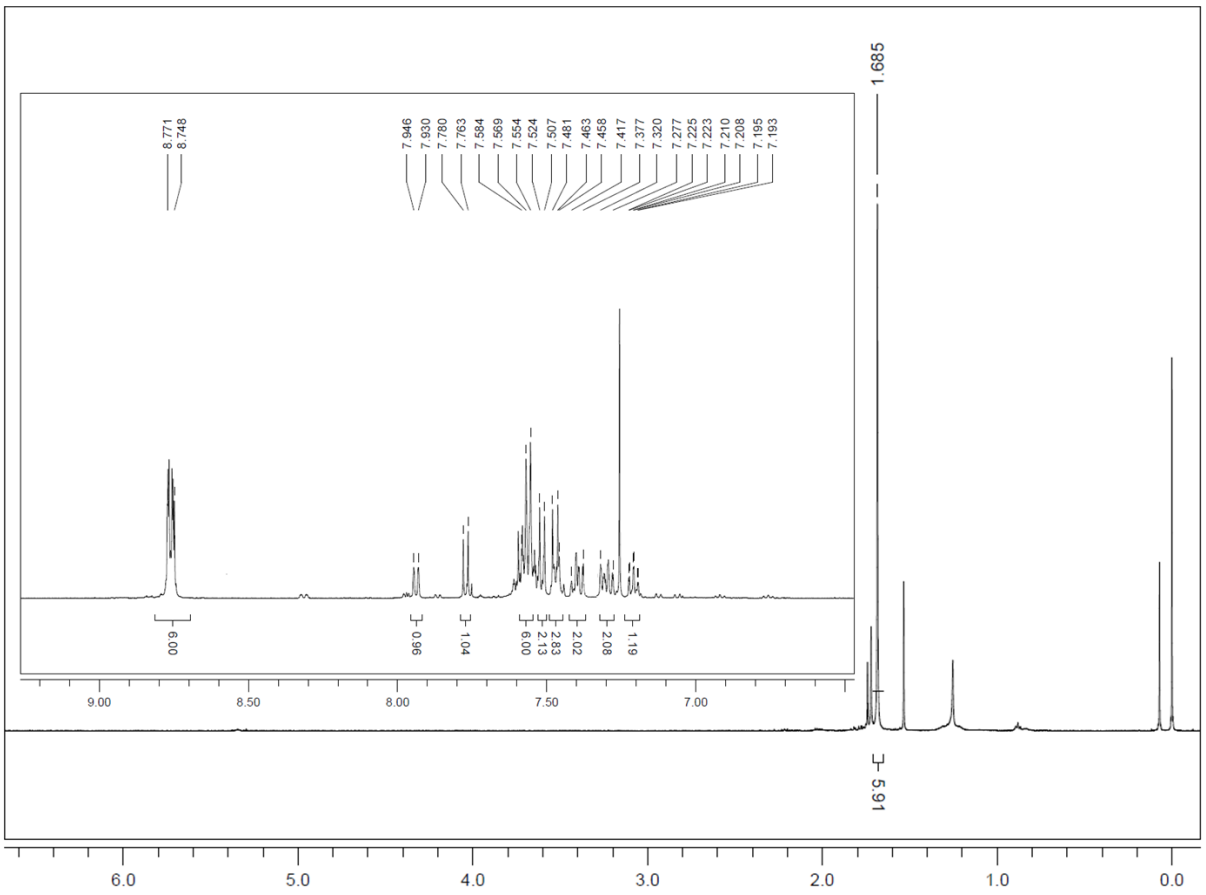


Figure S3. ^{1}H NMR spectrum of BFAcTrz

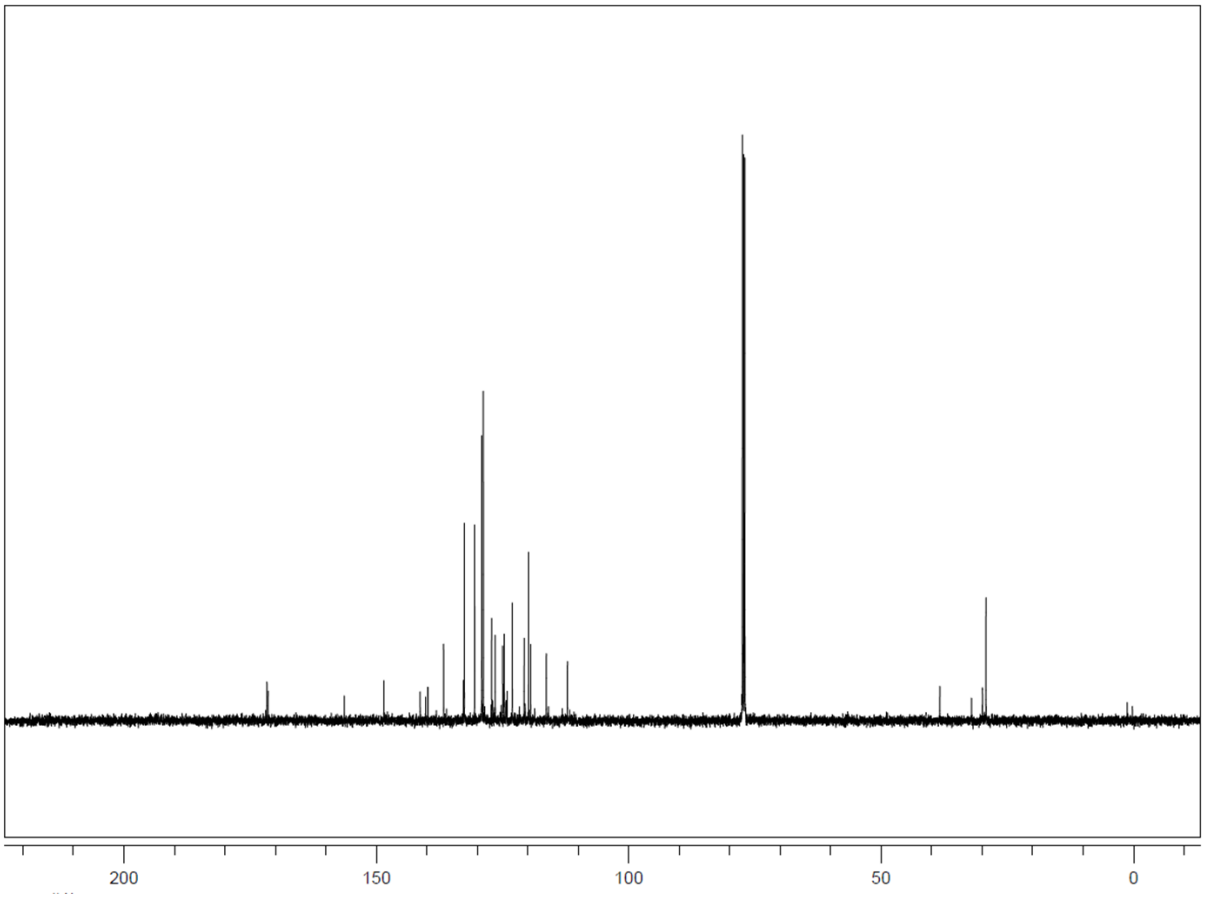


Figure S4. ^{13}C NMR spectrum of BFAcTrz

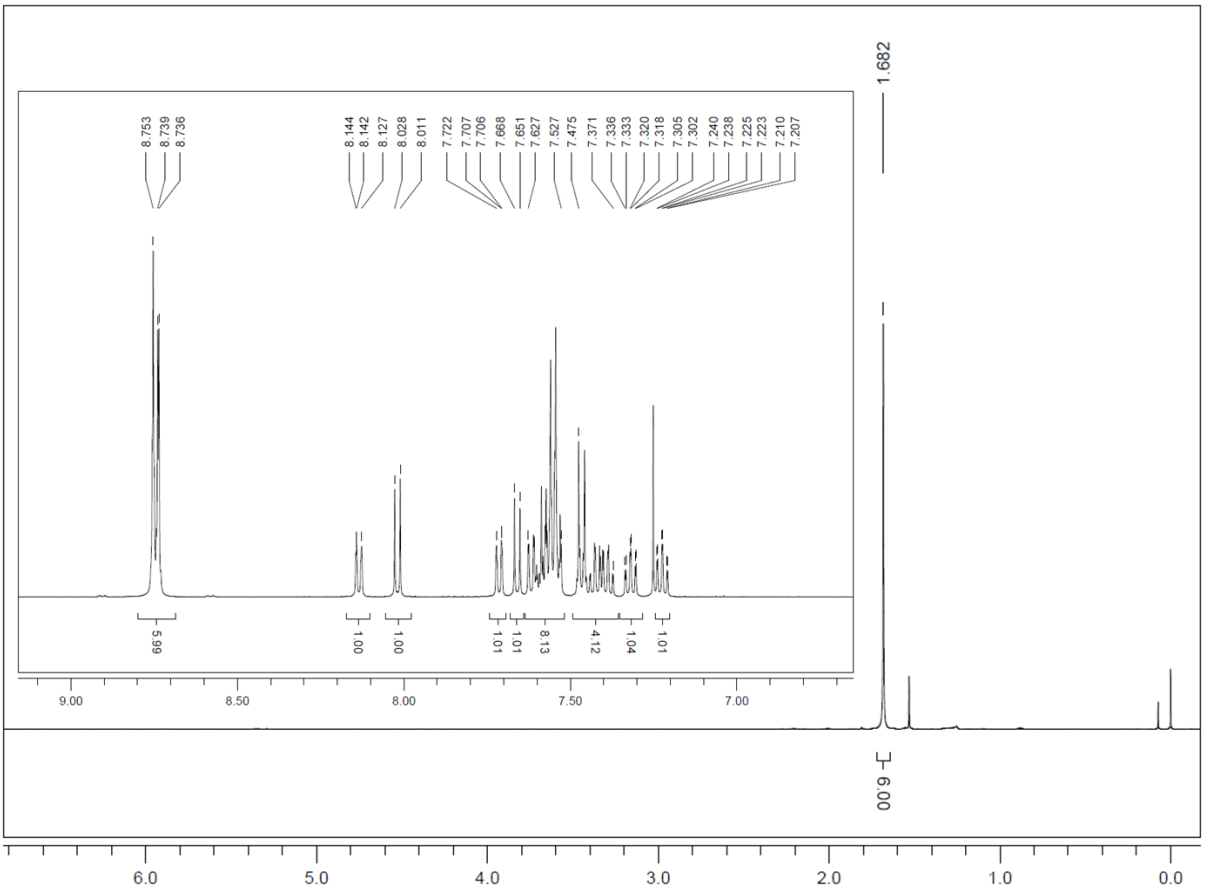


Figure S5. ^{1}H NMR spectrum of BTAcTrz

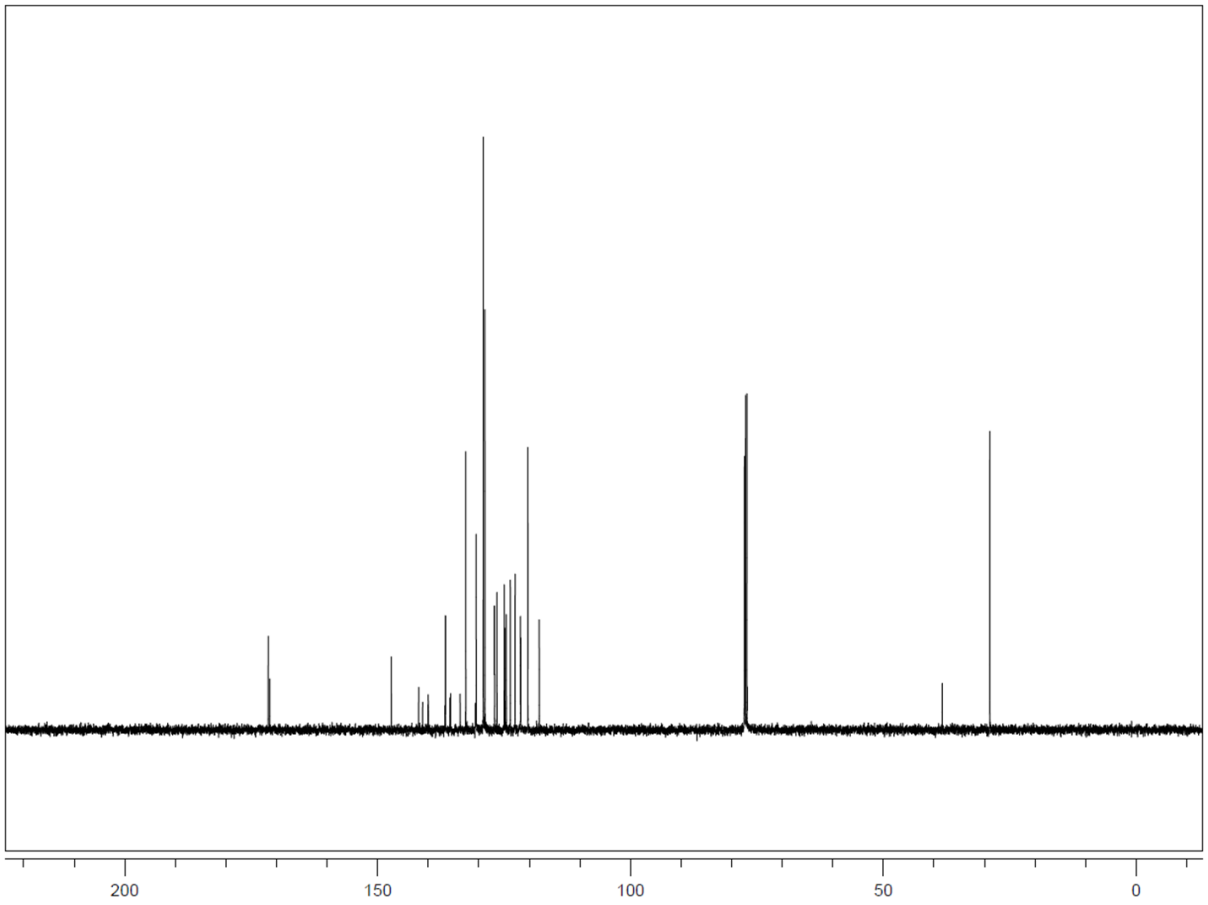


Figure S6. ^{13}C NMR spectrum of BTAcTrz