Supporting Information

Modified Corroles with one meso-free carbon; synthesis and characterization

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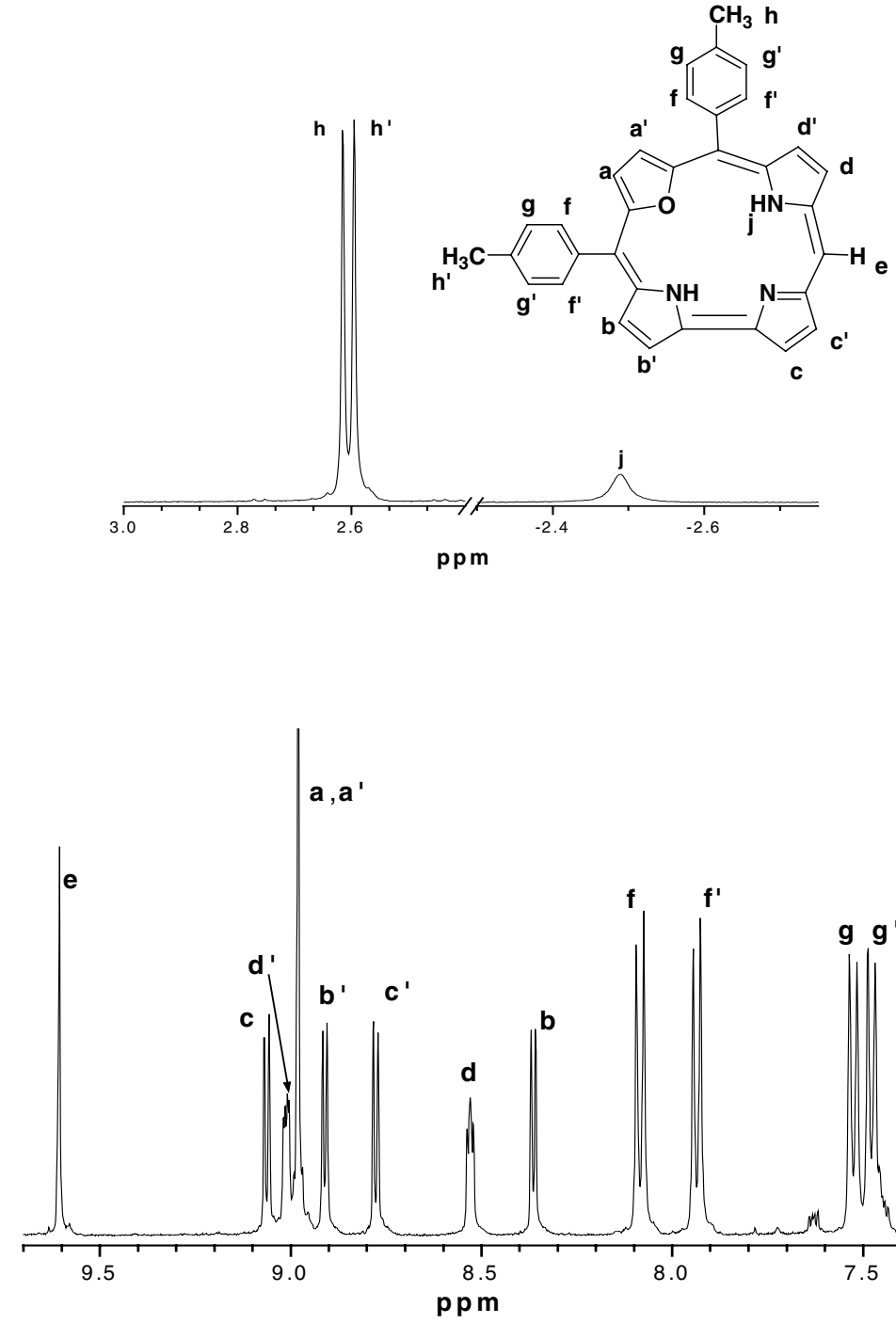
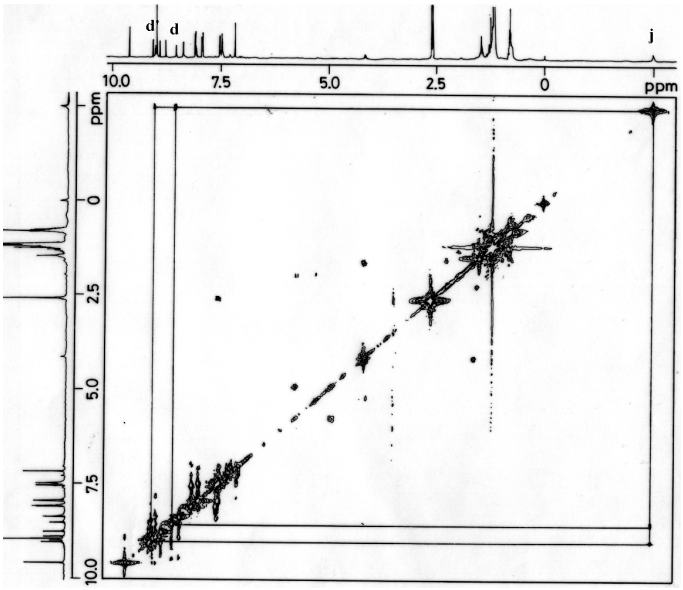
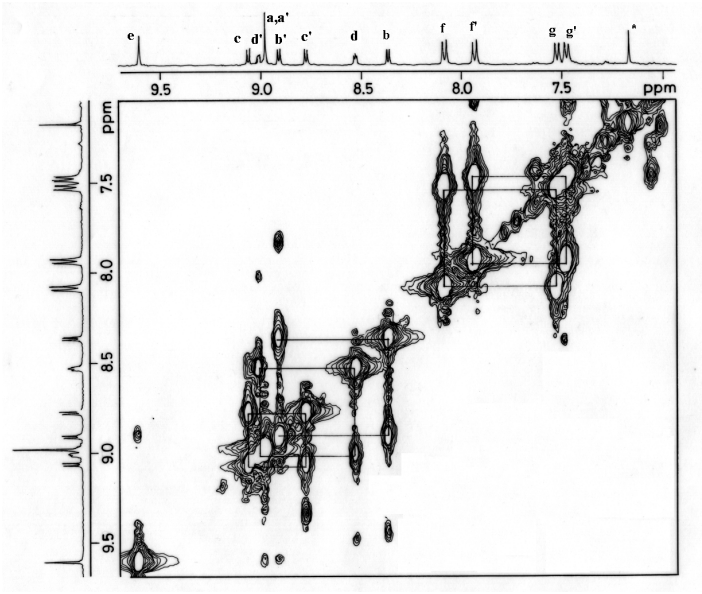


S 1: ^{1}H **NMR** spectrum of **6** in $CDCl_3$ at 298K and the assignments are marked.

(a)

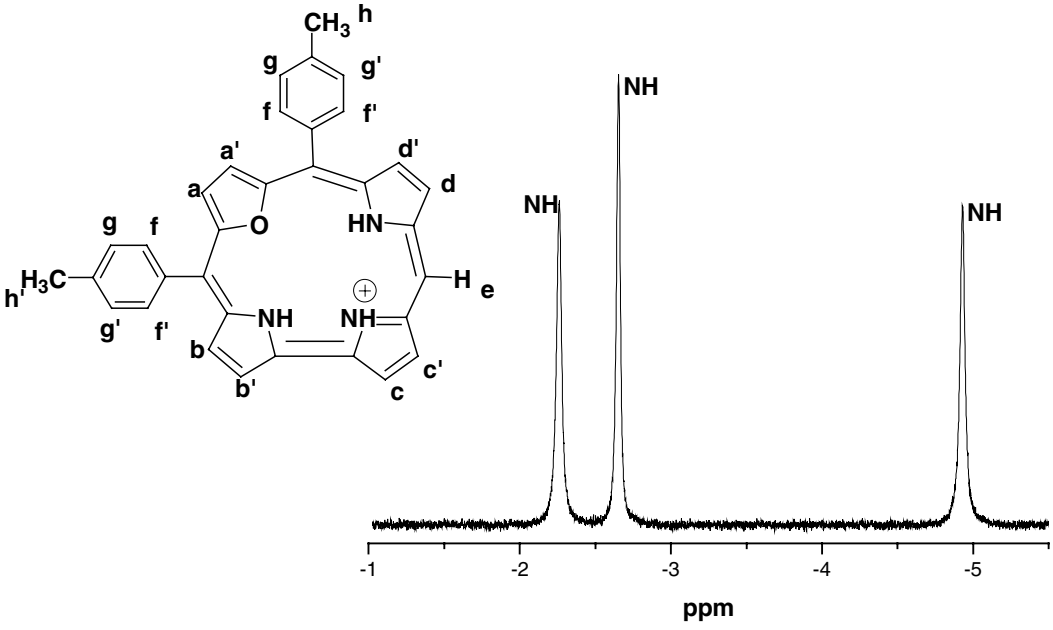


(b)

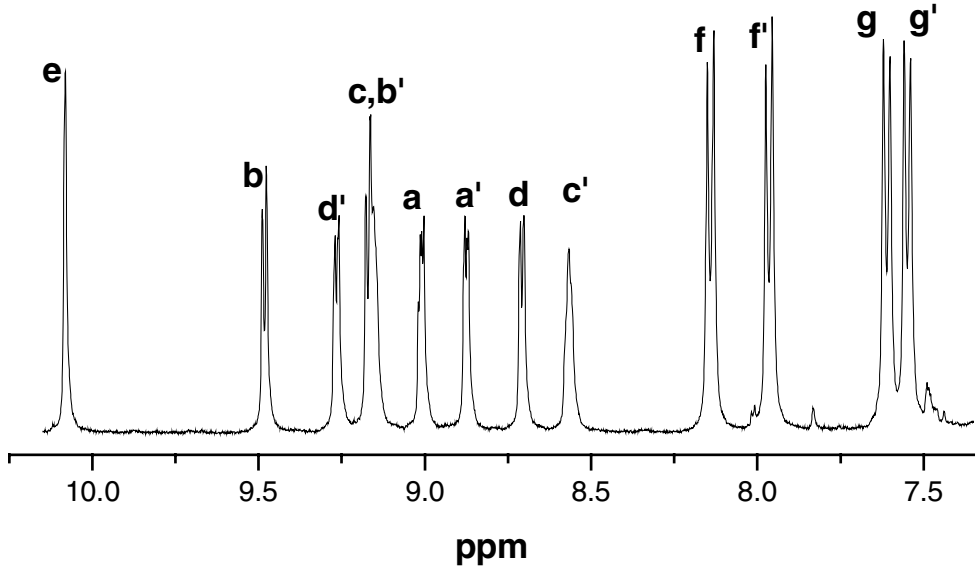


S 2:(a) $^{1}H - {}^{1}H$ COSY spectrum of **6** in $CDCl_3$ at 298K; the correlations between the inner NH (j) proton and the outer pyrrole -CH protons (d.d') are marked.

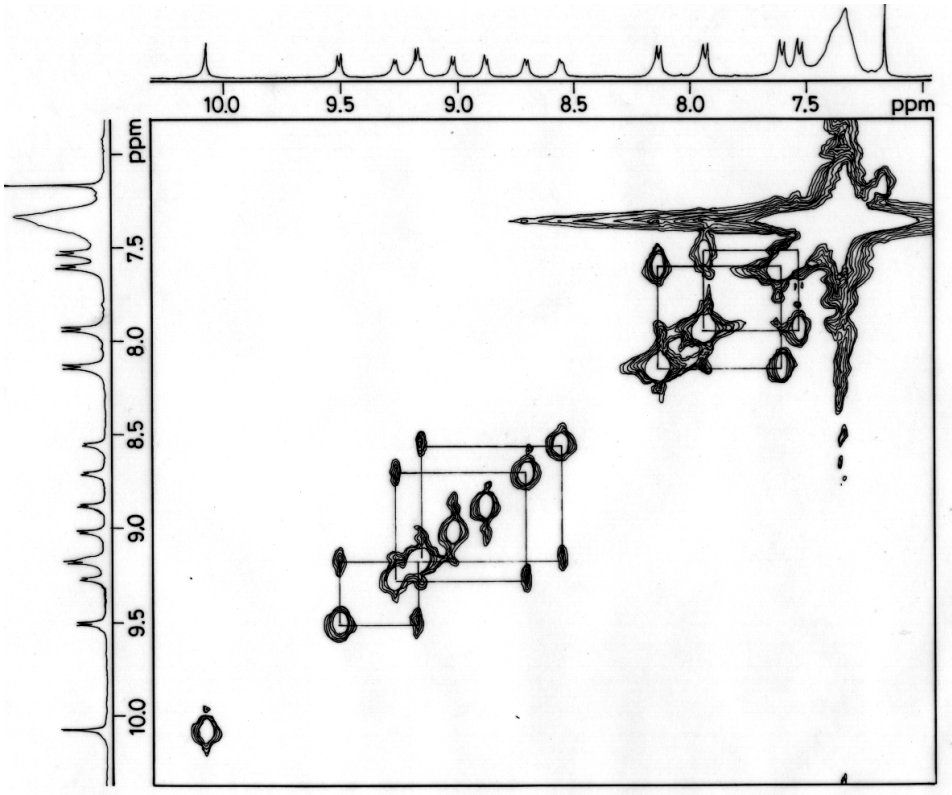
(b) $^{1}H - {}^{1}H$ COSY spectrum of **6** in $CDCl_3$ at 298K; in the expanded aromatic region. Correlations seen between different pyrrole protons are marked.



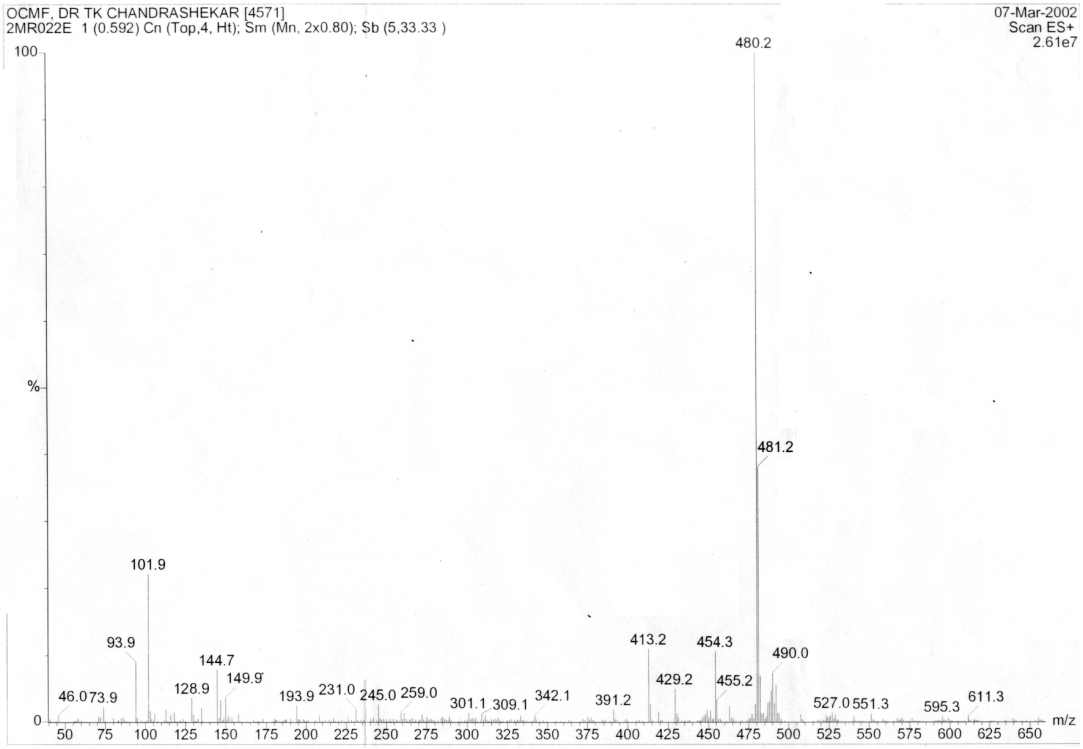
S 3: The ^{1}H NMR spectrum of **6H^{+}** at 233K; in the shielded region. The three magnetically inequivalent pyrrole NH protons are marked.



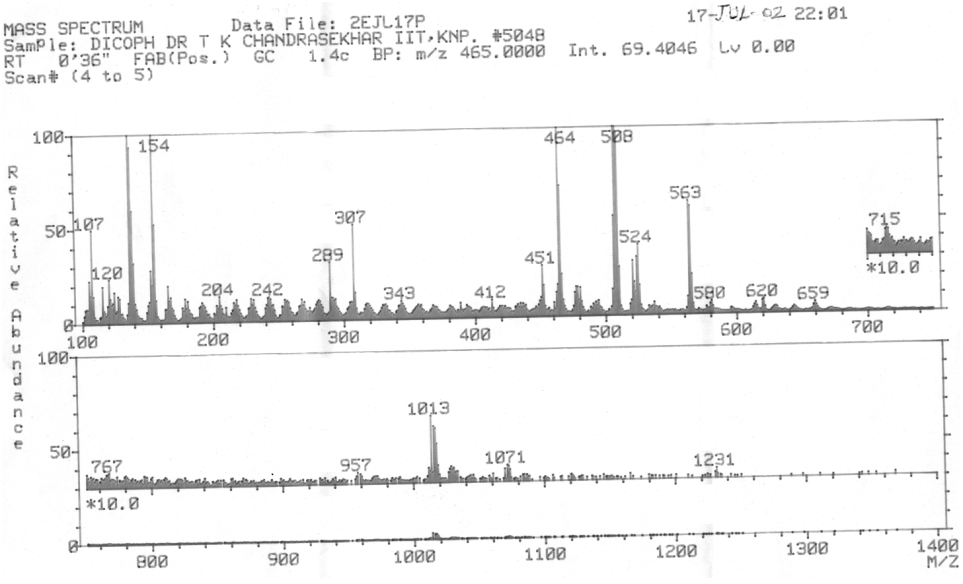
S 4 : ^{1}H NMR spectrum of **6H^{+}** at 298K ; in the deshielded region and the assignments are marked.



S 5:^{1}H – ^{1}H **COSY** spectrum of **6H**$^{+}$ in $CDCl_3$/TFA at 253K; in the aromatic region, the correlations observed are marked.



S 6: **ESMS** spectrum of **6**



S 7: FAB mass spectrum of **9**

UV-Vis Data for the compounds**:**

Compound No.	max nm (log)
4	412 (5.36), 508 (3.98), 542 (3.66), 582 (3.5), 638 (3.18).
4 H^+	429 (5.28), 582 (3.7), 633 (4.17).
5	405 (4.92), 494 (3.59), 522 (3.84), 571 (3.25), 619 (3.76)
5H^+	396 (4.75), 415 (4.73), 451 (3.38), 565 (3.67), 607 (3.96)
6	404 (4.94), 495 (3.76), 524 (3.95), 574 (3.49), 622 (3.82)
6H^+	399 (4.79), 418 (4.68), 528 (3.63), 565 (3.71), 613 (3.94)
7	404 (5.29), 496 (4.05), 525 (4.27), 576 (3.74), 623 (4.14)
7H^+	419 (5.01), 408 (4.97), 528 (4.94), 567 (3.9), 617 (4.29)
8	408 (4.97), 495 (3.85), 525 (4.02), 576 (3.6), 623 (3.89)
8H^+	406 (4.68), 419 (4.72), 528 (3.67), 567 (3.7), 617 (4.01)
9	407 (5.16), 494 (4.06), 525 (3.13), 578 (3.72), 626 (4.12)
9H^+	401 (5.08), 421 (4.9), 515 (3.87), 550 (3.86), 574 (3.86), 622 (4.31).

^{1}**H NMR** chemical shifts and **FAB** mass of selected compounds:

Compound No: **5** ^{1}H NMR (400 MHz, $CDCl_3$) 9.6 (s,1H), 9.0 (m,3H), 8.9 (d,1H, J= 4Hz), 8.6 (d, 1H, J= 4.8Hz), 8.5 (d, 1H, J= 4.8Hz), 8.3 (br, 1H), 8.2 (d, 1H, J= 4.8Hz), 7.2 (s, 2H), 7.1 (s, 2H), 2.53 (s, 3H), 2.52 (s, 3H), 1.8 (s, 6H), 1.7 (s, 6H), -2.3 (s, 1H). **FAB** mass: m/z % 535.

Compound No: **8** ^{1}H NMR (400 MHz, CDCl3) 9.6 (s, 1H), 9.1 (d, 1H, J= 5.12Hz), 9.0 (br, 1H), 8.99 (s, 2H), 8.9 (d, 1H, J= 4.4 Hz), 8.7 (d, 1H, J= 5.16), 8.5 (br, 1H), 8.3 (d, 1H, J= 4.4Hz), 8.2 (d, 2H, J= 7.32Hz), 8.0 (m, 2H), 7.6 (m, 6H), -2.5 (s, 1H). **FAB** mass: m/z % = 451.