

## Supplementary Materials

**Fig. S1.**  $^1\text{H}$  NMR spectrum of  $\text{NC}_5\text{H}_4\text{--C}_4\text{H}_2\text{N}_2\text{--NC}_5\text{H}_4$  (**L**) in  $\text{CDCl}_3$ .

**Fig. S2.** Electrospray mass spectra (maximum molecular ion peaks only) of (a) **1** in  $\text{CH}_2\text{Cl}_2$  and (b) [**2**]( $\text{ClO}_4$ ), (c) [**3**]( $\text{ClO}_4$ )<sub>2</sub>, (d) [**4**]( $\text{ClO}_4$ )<sub>3</sub> in  $\text{CH}_3\text{CN}$ .

**Fig. S3.**  $^1\text{H}$  NMR spectrum of **1** in  $(\text{CD}_3)_2\text{SO}$ .

**Table S1.** Bond distances ( $\text{\AA}$ ) and angles (deg) for **L**.

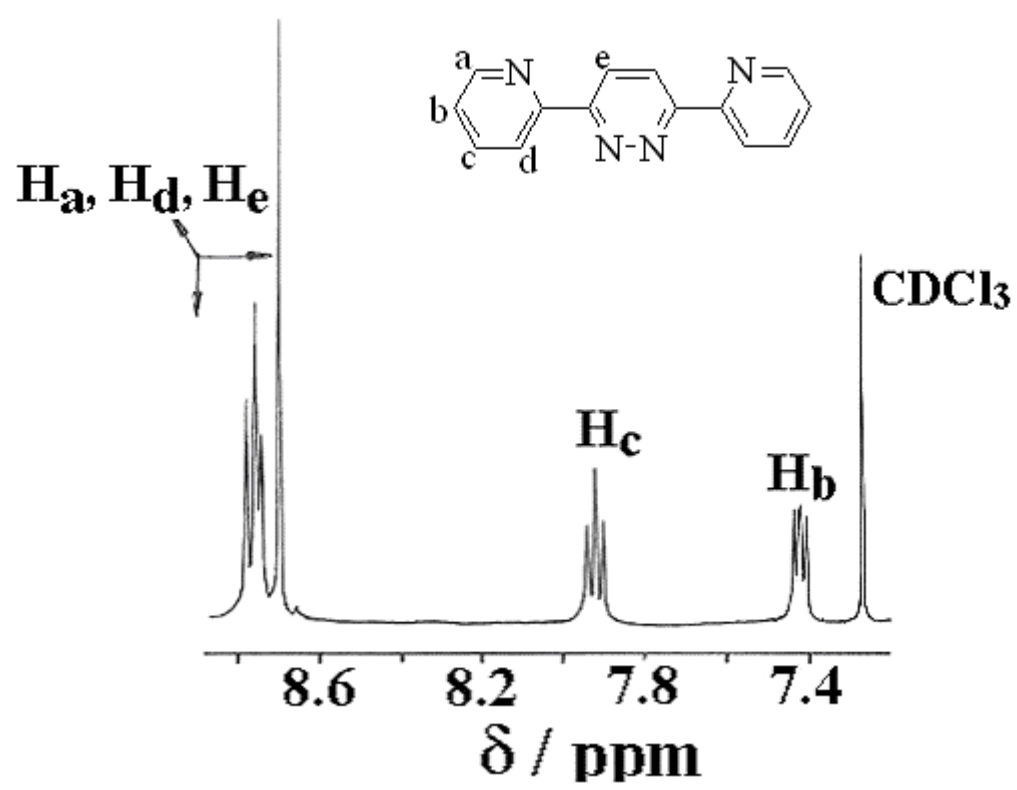


Fig. S1

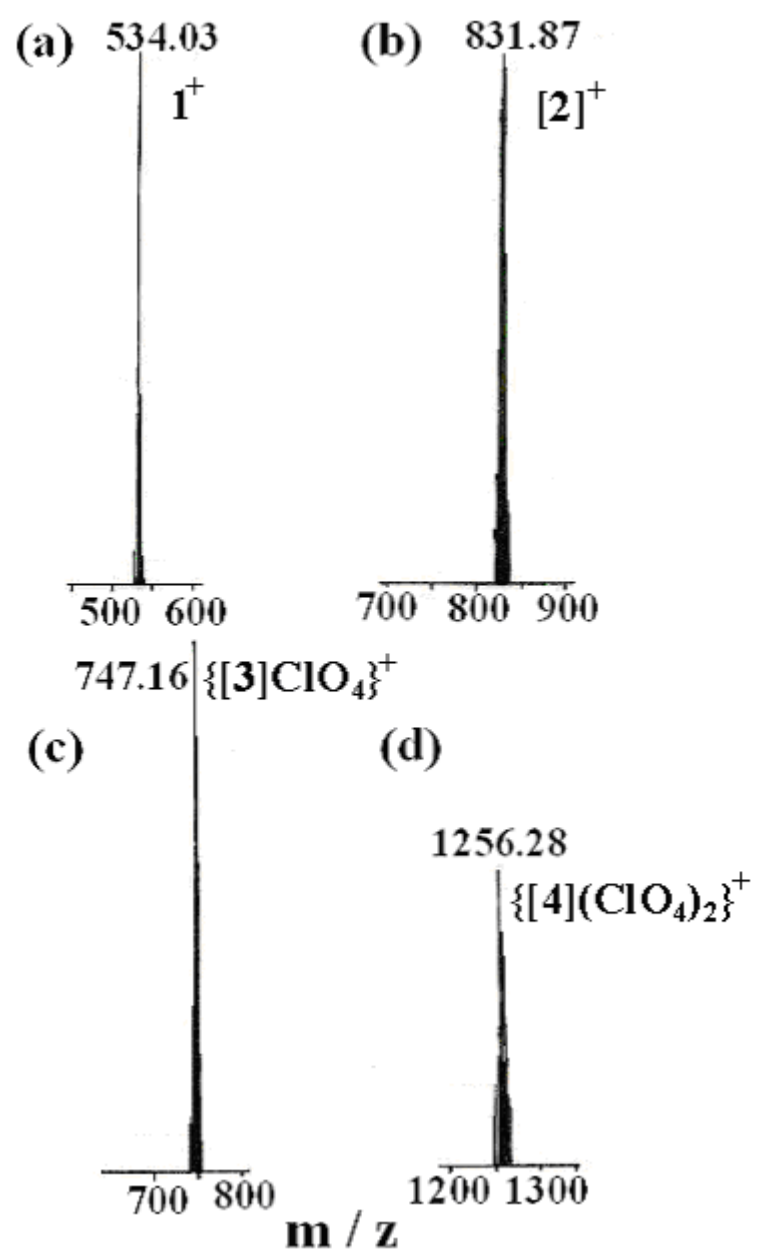


Fig. S2

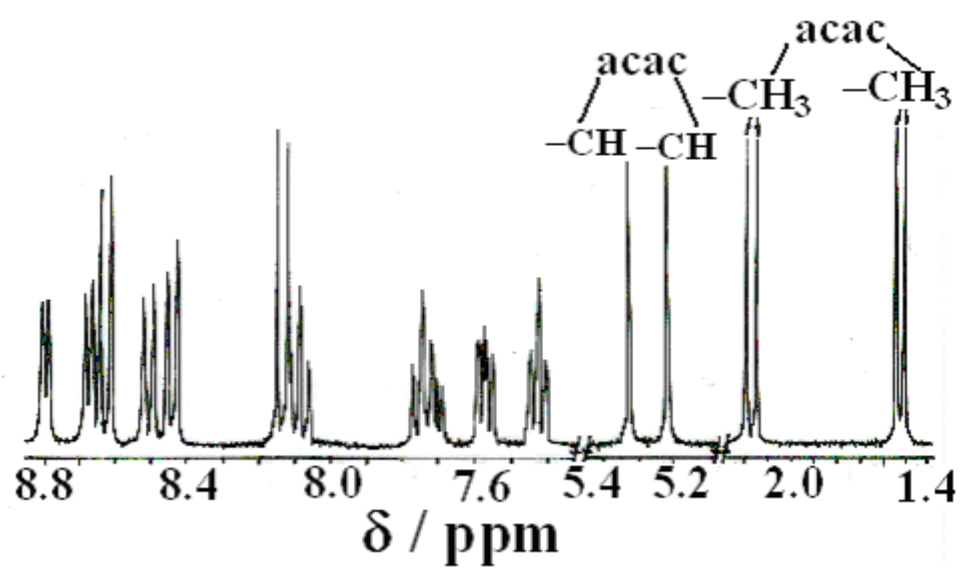


Fig. S3

**Table S1.** Bond Distances (Å) and Angles (deg) for L

|                     |           |                      |           |
|---------------------|-----------|----------------------|-----------|
| N (1) –C (5)        | 1.336 (6) | C (4) –C (5)         | 1.386 (6) |
| N (1) –C (1)        | 1.345 (5) | C (5) –C (6)         | 1.498 (5) |
| C (7) –C (8)        | 1.358 (6) | C (6) –N (2)         | 1.338 (5) |
| C (7) –C (6)        | 1.395 (5) | N (2) –N (3)         | 1.344 (4) |
| C (8) –C (9)        | 1.393 (6) | N (3) –C (9)         | 1.335 (5) |
| N (4) –C (12)       | 1.343 (6) | C(9) –C (10)         | 1.479 (5) |
| N (4) –C (10)       | 1.348 (5) | C (10) –C (11)       | 1.391 (6) |
| C (1) –C (2)        | 1.379 (7) | C (11) –C (14)       | 1.372 (6) |
| C (2) –C (3)        | 1.368 (6) | C (12) –C (13)       | 1.362 (7) |
| C (3) –C (4)        | 1.381 (6) | C (13) –C (14)       | 1.377 (7) |
| C (5)–N (1)–C (1)   | 117.5 (4) | C (7)–C (6)–C (5)    | 121.2 (3) |
| C (8)–C (7)–C (6)   | 117.9 (4) | C (6)–N (2)–N (3)    | 119.2 (3) |
| C (7)–C (8)–C (9)   | 118.3 (4) | C (9)–N (3)–N (2)    | 120.4 (3) |
| C (12)–N (4)–C (10) | 117.0 (4) | N (3)–C (9)–C (8)    | 121.8 (3) |
| N (1)–C (1)–C (2)   | 123.1 (5) | N (3)–C (9)–C (10)   | 116.5 (3) |
| C (3)–C (2)–C (1)   | 118.6 (4) | C (8)–C (9)–C (10)   | 121.7 (3) |
| C (2)–C (3)–C (4)   | 119.4 (4) | N (4)–C (10)–C (11)  | 122.1 (3) |
| C (3)–C (4)–C (5)   | 118.5 (4) | N (4)–C (10)–C (9)   | 115.8 (3) |
| N (1)–C (5)–C (4)   | 122.8 (4) | C (11)–C (10)–C (9)  | 122.0 (3) |
| N (1)–C (5)–C (6)   | 114.8 (3) | C (14)–C (11)–C (10) | 118.9 (4) |
| C (4)–C (5)–C (6)   | 122.4 (3) | N (4)–C (12)–C (13)  | 124.2 (5) |
| N (2)–C (6)–C (7)   | 122.4 (3) | C (12)–C (13)–C (14) | 118.3 (5) |
| N (2)–C (6)–C (5)   | 116.5 (3) | C (11)–C (14)–C (13) | 119.4 (5) |

