
(a)


-
(b)

Fig. S1: (a) Packing of the molecules of $\mathbf{6 b}$ in a projection along [010]; (b) arrangement of the molecules in the layer, parallel to (100) at $x=0.250$, formed due to weak intermolecular interactions: $\mathrm{C} 24-\mathrm{H} 24 \ldots \mathrm{Cg} 2(\mathrm{x}, \mathrm{y}+1, \mathrm{z})$, marked by dashed lines, with the geometrical parameters: $\mathrm{H} . . . \mathrm{A} y+=2.92 \mathrm{~A}, \mathrm{D} \ldots \mathrm{A}=3.797 \mathrm{~A}$, and $<\mathrm{DHA}=157^{\circ}$.


Fig. S2: The packing of the molecules 7a: (a) in a projection along [010]; (b) in a projection along [001].


Fig. S3: The packing of the molecules of $\mathbf{7 b}$ in a projection along [001].

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(a)

Fig. S4: The packing of the molecules of 11a: (a) the view of a tape (consisting of atoms at: $x$, $y-1, z$ ) running along [100] and built of the alternate diastereomeric molecules of 11a_a and 11a_b, joined by the H-bonds of N-H...O and N-H...N types, defined in Table 3; (b) in a projection along [100] i.e. along the axis of the tape.

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Table S1 Geometric parameters of weak interactions. Cg1 and Cg2 denote the gravity centres of the C21^C26 and C31^C36 rings, respectively

| D-H $\cdots$ A | D-H/A | $\mathrm{H} \cdots \mathrm{A} / \AA$ | D..A/A | $\angle \mathrm{DHA} /{ }^{\circ}$ |
| :---: | :---: | :---: | :---: | :---: |
| 6a |  |  |  |  |
| C54-H54 $\cdots{ }^{\text {O }} 4^{\text {ii }}$ | 0.93 | 2.58 | 3.420 | 151 |
| O4 ${ }^{-}{ }^{\text {N }}{ }^{\text {i }}$ |  |  | 3.261 |  |
| O4..Cg2 |  |  | 3.360 |  |
| 6b |  |  |  |  |
| C24-H24 $\cdots$ O4 ${ }^{\text {i }}$ | 0.93 | 2.61 | 3.261 | 127 |
|  | 0.93 | 2.92 | 3.797 | 157 |
|  |  |  | 3.238 |  |
| 7a |  |  |  |  |
| O4 $\cdots \mathrm{N} 51{ }^{\text {i }}$ | C24- <br> H24…Cg2 ${ }^{\text {i }}$ |  | 3.233 |  |
| Cg1 $\cdots \mathrm{Cg} 2$ | C3 $\cdots$ N51 ${ }^{\text {ii }}$ |  | 3.955 |  |
| 7b |  |  |  |  |
| O4..N51 ${ }^{\text {i }}$ |  |  | 3.193 |  |
| Cg1 $\cdots \mathrm{Cg} 2$ |  |  | 3.658 |  |
| 11a |  |  |  |  |
| C34b-H34b $\cdots{ }^{\text {Cg2 }}{ }^{\text {ii }}$ | 0.93 | 2.77 | 3.589 | 148 |
| C55a-H55a $\cdots$ Cg2biii | 0.93 | 3.07 | 3.913 | 152 |
| C56b-H56b $\cdots$ Cg1b ${ }^{\text {iv }}$ | 0.93 | 3.08 | 3.858 | 143 |
| O4a‥N51b |  |  | 3.221 |  |
| O4b $\cdots \mathrm{N} 51 \mathrm{a}^{\text {i }}$ |  |  | 3.155 |  |
| $\begin{aligned} & \text { Symmetry codes. 6a: (i) }-x+3,-y,-z+1 \text {; (ii) }-x+1,-y+1,-z+1 \text {; } \mathbf{6 b} \text { : (i) } x, y+1, z \text {; (ii) }-x,-y-1,-z-1 \text {; 7a: (i) } x,-y, z+1 / 2 ; 7 \text { b: (i) } x,- \\ & y+1 / 2, z-1 / 2 \text {; 11a: (i) } x-1, y, z \text {; (ii) } x, y-1 \text {, } \text {; (iii) }-x+2,-y+1,-z+1 \text {; (iv) } x, y+1, z \text {. } \end{aligned}$ |  |  |  |  |

