

**1 : 1 and 2 : 1 Co-Crystals of Alkoxystilbazoles with
Tetrafluoroiodobenzenes: Halogen Bonding, a Rare C_{arene}–H...N
Hydrogen Bond and Unsymmetric Iodine...Pyridine Interactions**

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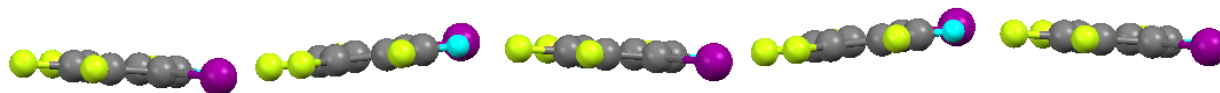


Figure S1 Alternating motif in a side-on view of the 2,3,4,5-tetrafluoriodobenzene rings in **1**.

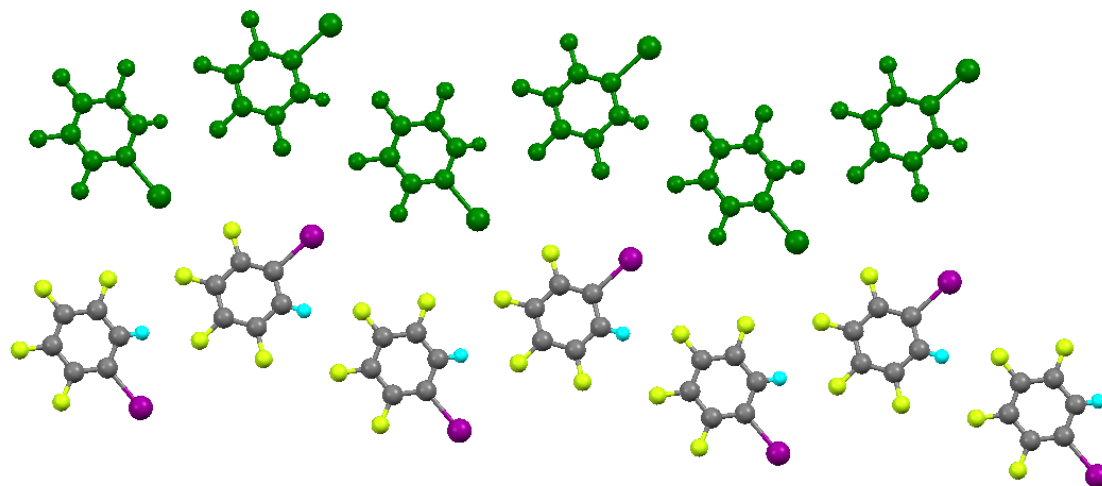


Figure S2 Upper (coloured green) and lower layer (normal elemental colours) of 2,3,4,5-tetrafluoriodobenzene chains in successive layers of the structure in **1**.

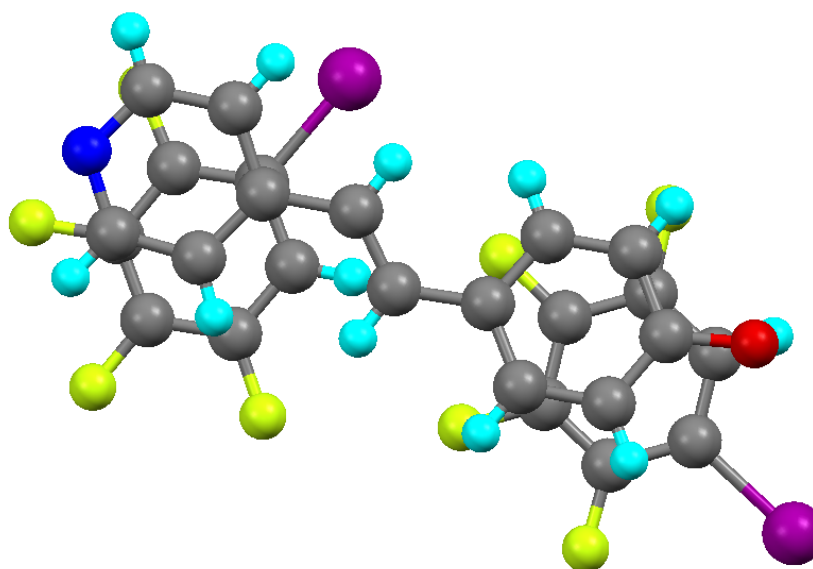


Figure S3 Overlay of the stilbazole with two molecules of 2,3,4,5-tetrafluoriodobenzene in **1**.

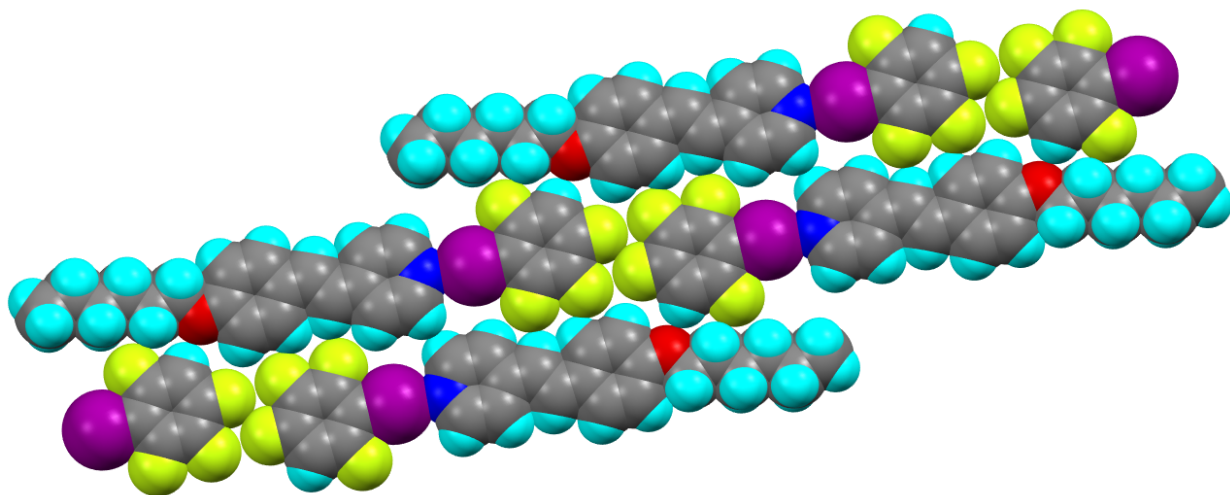


Figure S4 Space-filling model of complex **2** showing the back-to-back arrangement of the fluoroarenes.

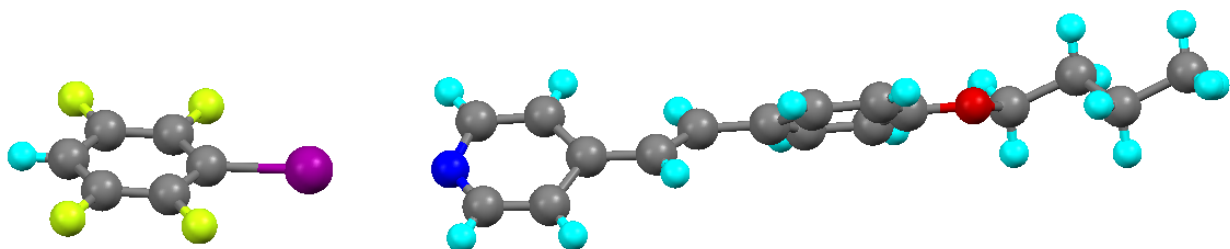


Figure S5 Halogen-bonded complex **3** showing the equal-probability twisted conformer of the stilbazole.

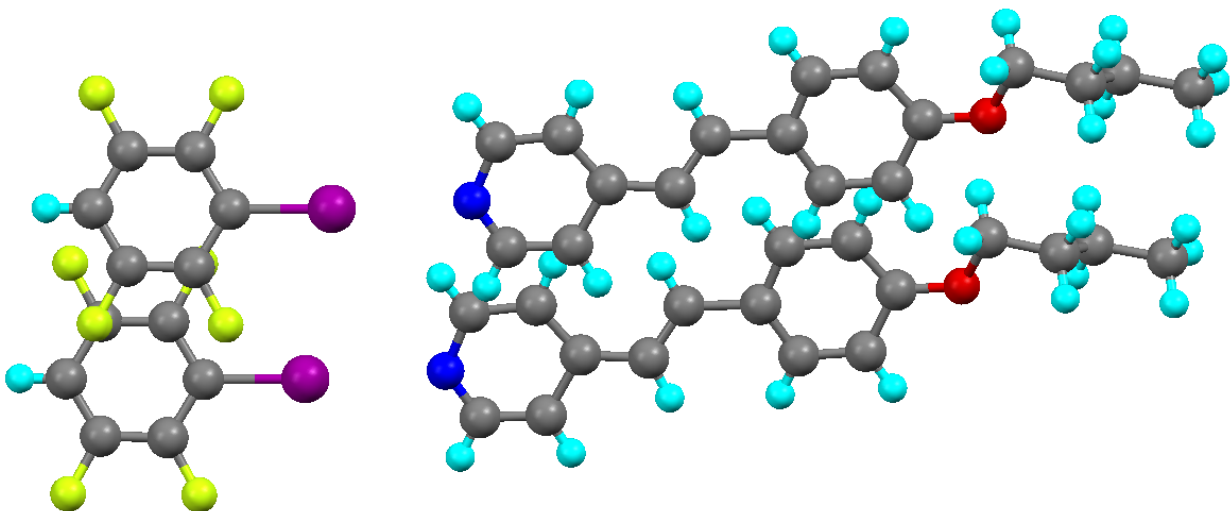


Figure S6 Complex **3** showing the absence of intermolecular overlap in the stacking direction.

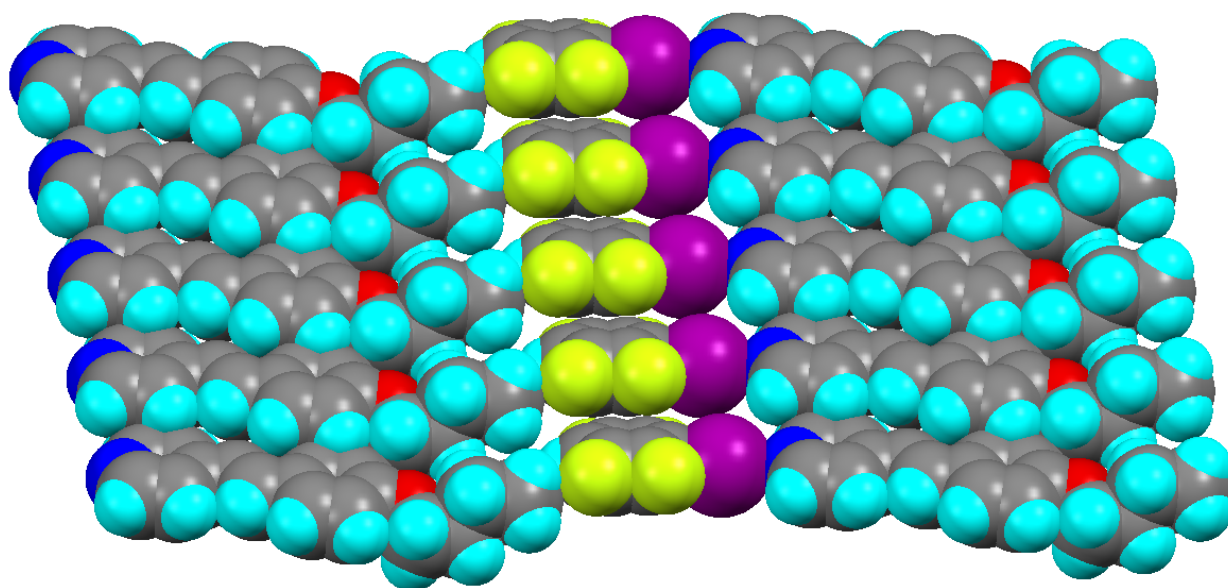


Figure S7 Space-filling model of the packing in complex **3** showing how approach of the alkoxy chain of the stilbazole to the fluoroarene is moderated by a steric interaction.

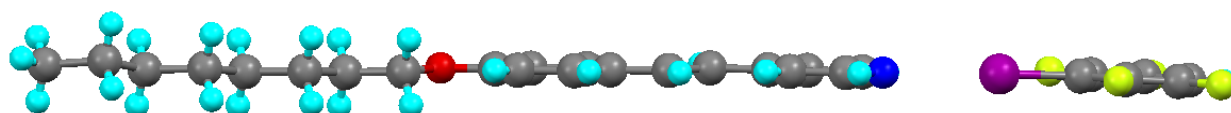


Fig. S8 Side view of of complex **4**.

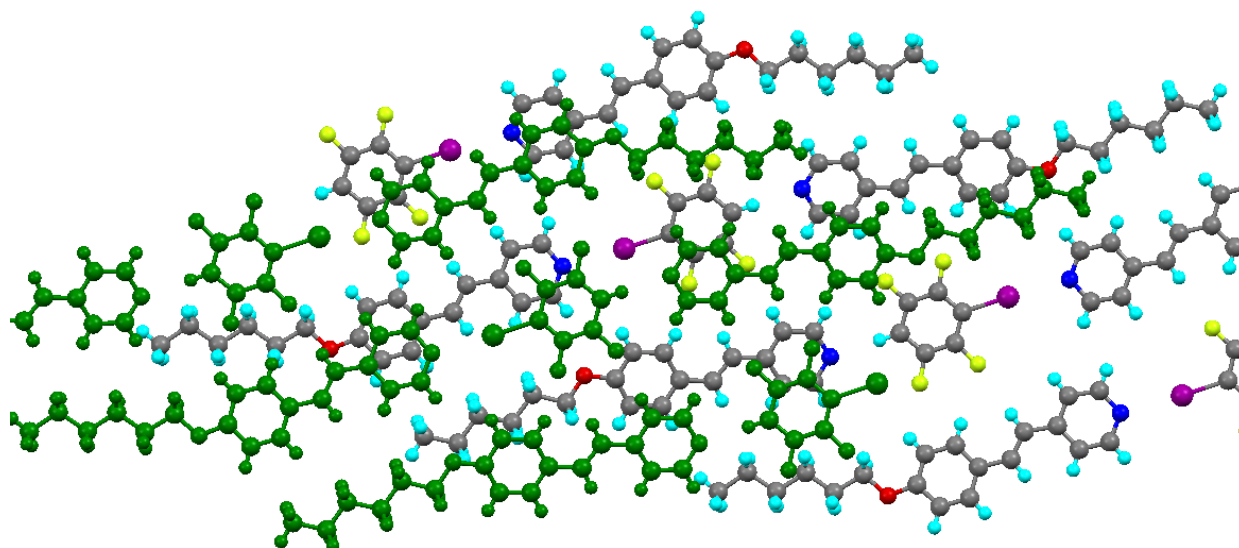


Fig. S9 Looking down on the superposition of two layers of complex **6**.

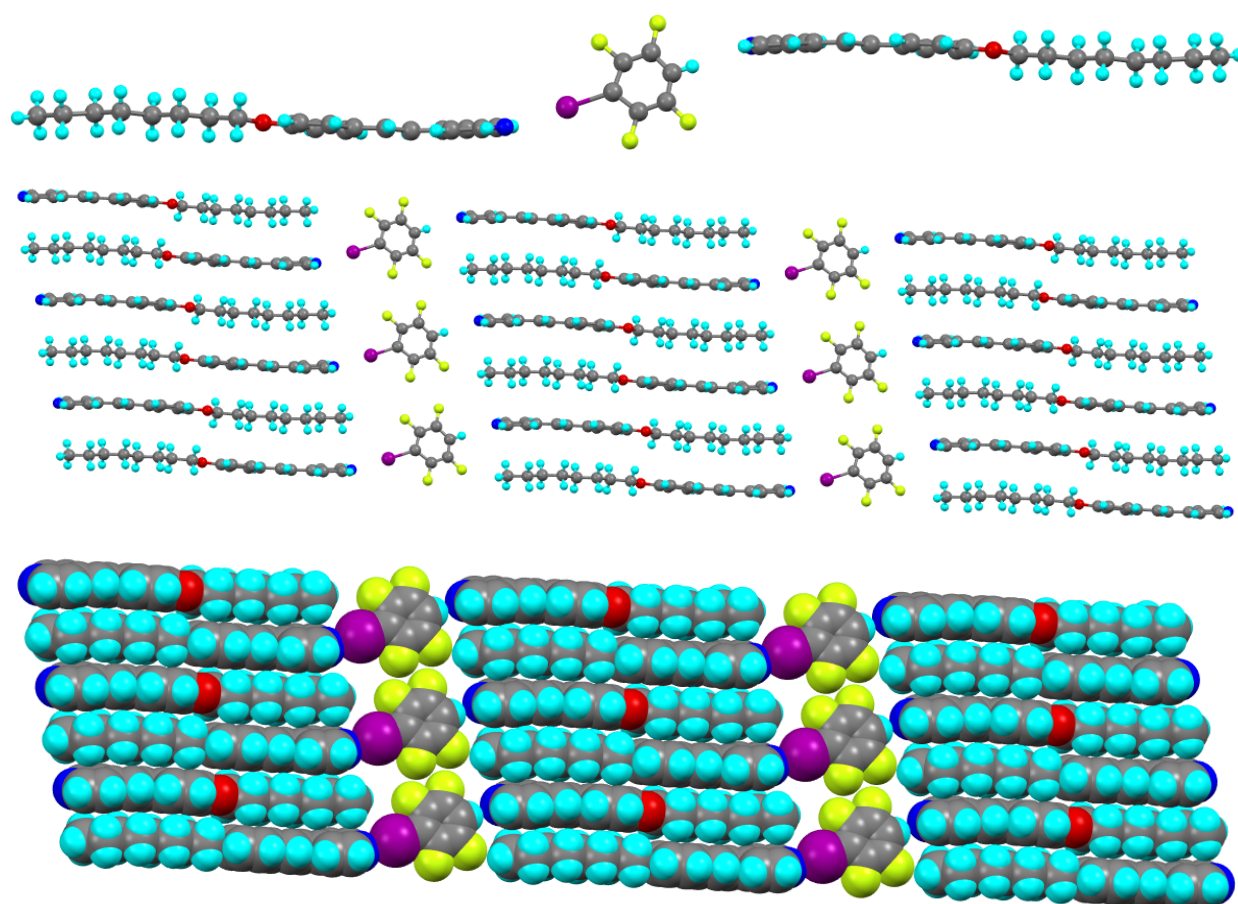


Figure S10 Diagrams to show the arrangement in complex **7** (recall that in reality the tetrafluoroarene ring is disordered so that it is not clear which is the iodine and which the hydrogen end.

