

Electronic Supplementary Information

Columnar Supramolecular Architecture of Crystals of 2-(4-Iodophenyl)-1,10-Phenanthroline Derived from Values of Intermolecular Interaction Energy

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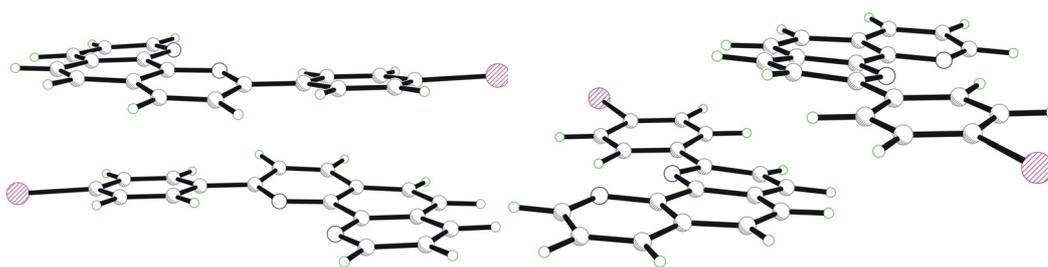
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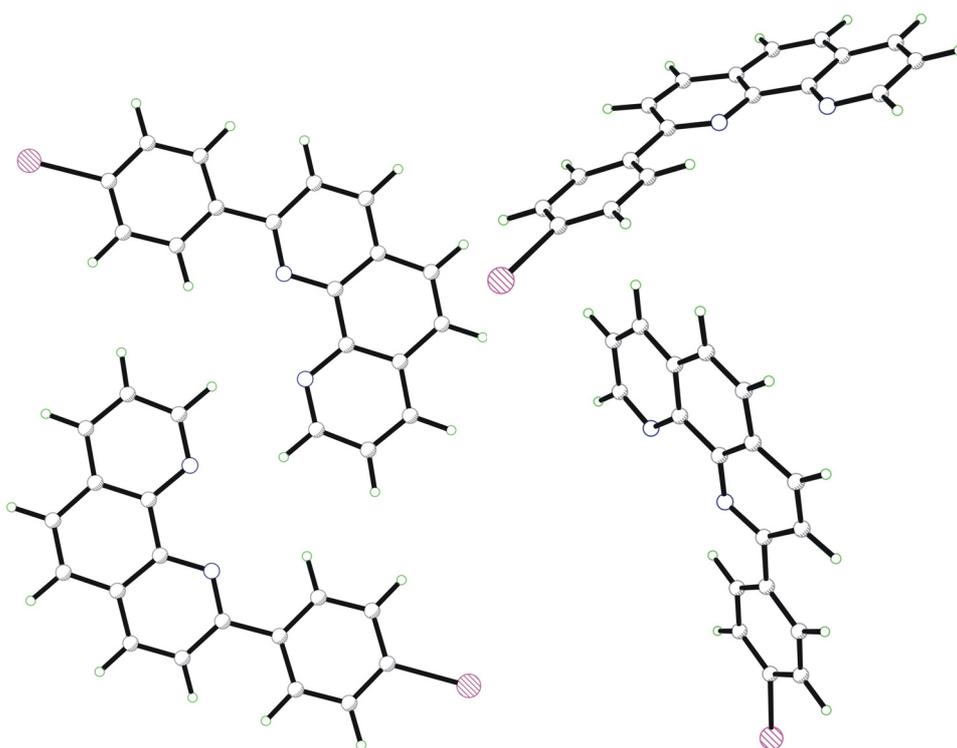
Table S1 Symmetry codes of neighboring molecules and squares of boundary surfaces (BS, Å²) of the Dirichlet polyhedra for basic molecule located in asymmetric of unit cell.

Neighbor	Symmetry	BS
1	1-x, 1-y, 1-z	79.701
2	1-x, 1-y, -z	47.999
3	2-x, 1-y, 1-z	36.872
4	1.5-x, -0.5+y, 0.5-z	20.645
5	1.5-x, 0.5+y, 0.5-z	20.645
6	0.5-x, -0.5+y, 0.5-z	19.604
7	0.5-x, 0.5+y, 0.5-z	19.604
8	-0.5+x, 0.5-y, - 0.5+z	18.668
9	0.5+x, 0.5-y, 0.5+z	18.668
10	-1+x, y, z	15.411
11	1+x, y, z	15.411
12	-0.5+x, 0.5-y, 0.5+z	14.125
13	0.5+x, 0.5-y, - 0.5+z	14.125
	Total square	367.3



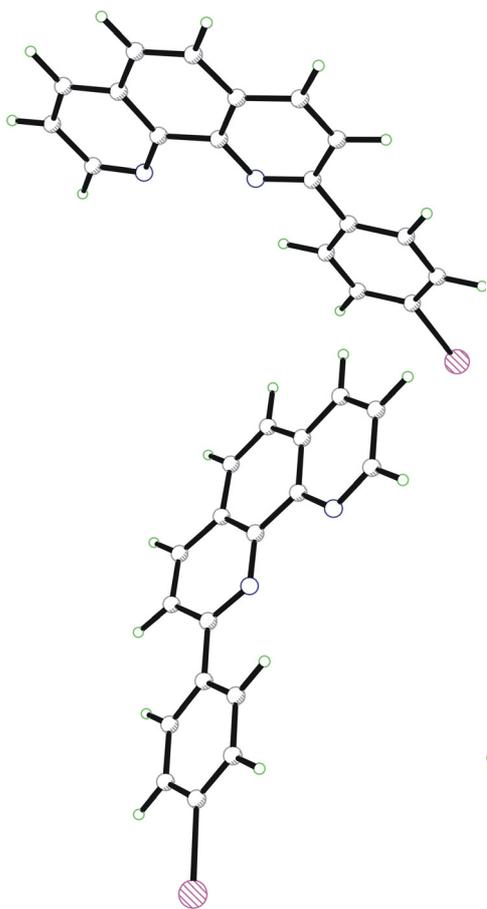
Dimer 1

Dimer 2

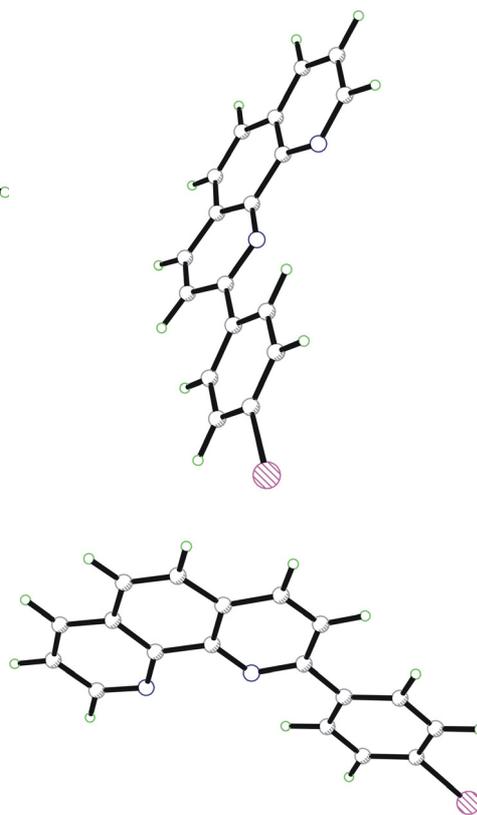


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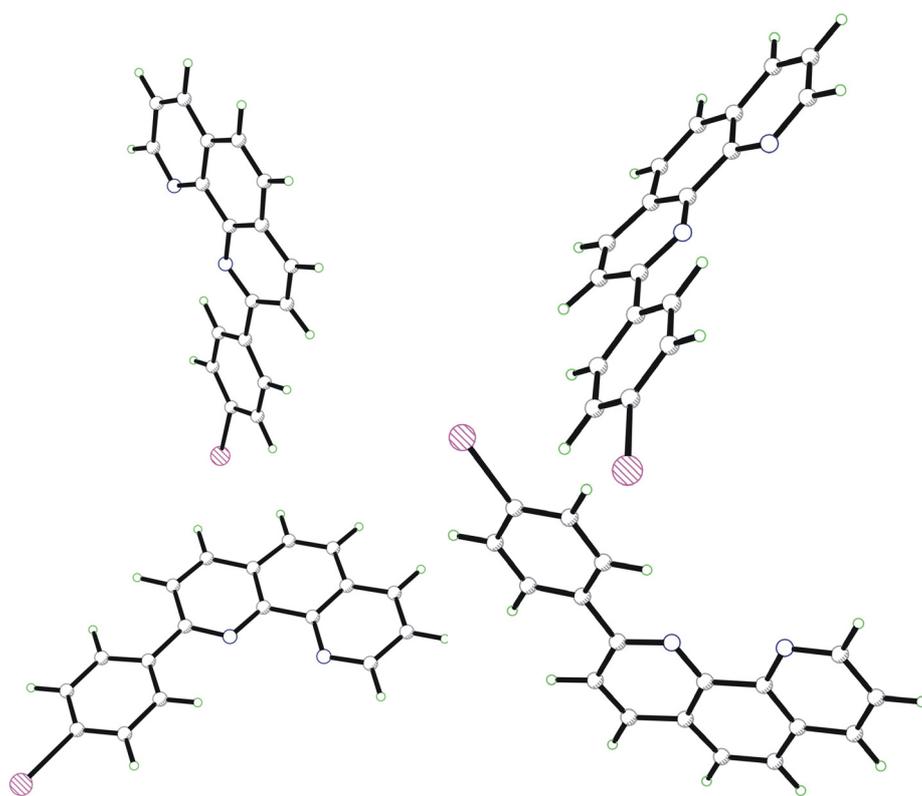
Dimer 4



Dimer 5

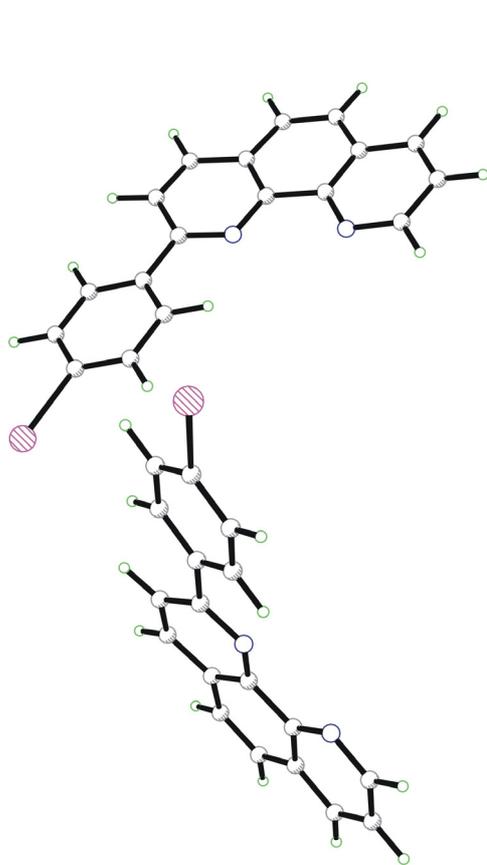


Dimer 6

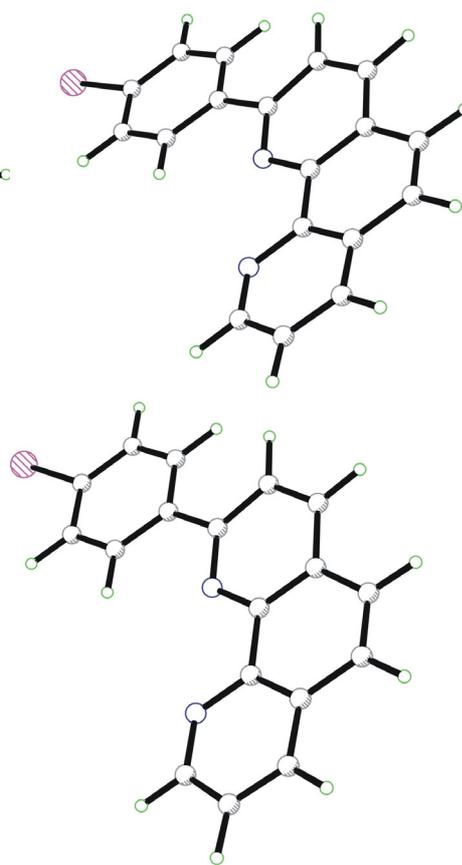


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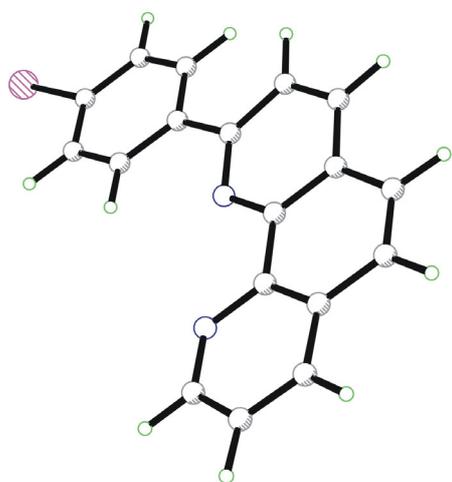
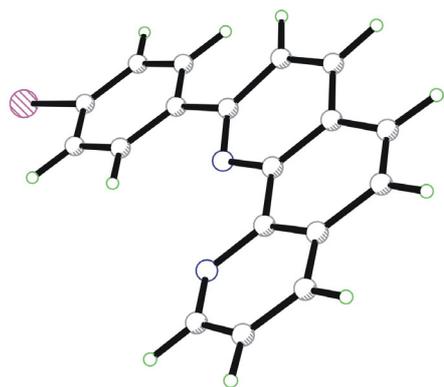
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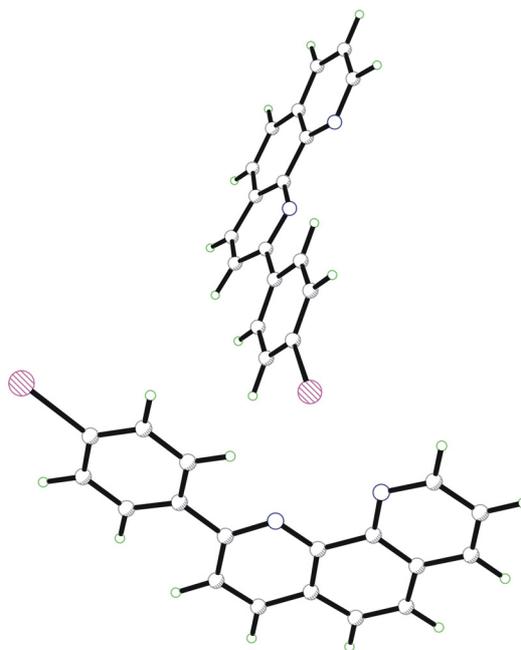
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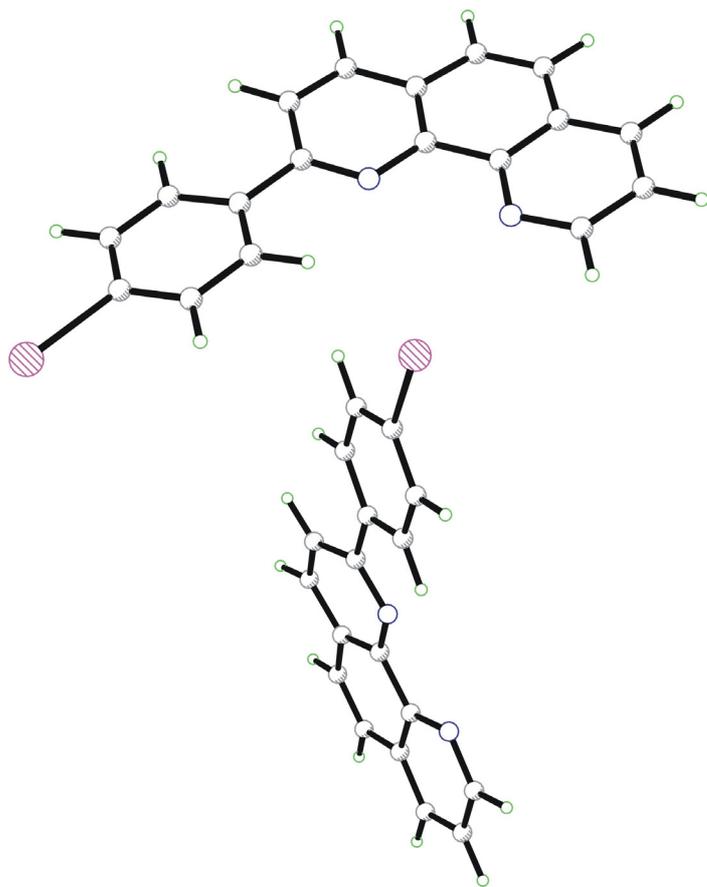
Dimer 10



Dimer 11



Dimer 12



Dimer 13

Fig. S1. Dimers formed by the basic molecule and molecules of its first coordination sphere in the crystal. Numbering of dimers corresponds to Table S1.