Supporting Information:

Morpholino-substituted BODIPY species: Synthesis, Structure and Electrochemical Studies

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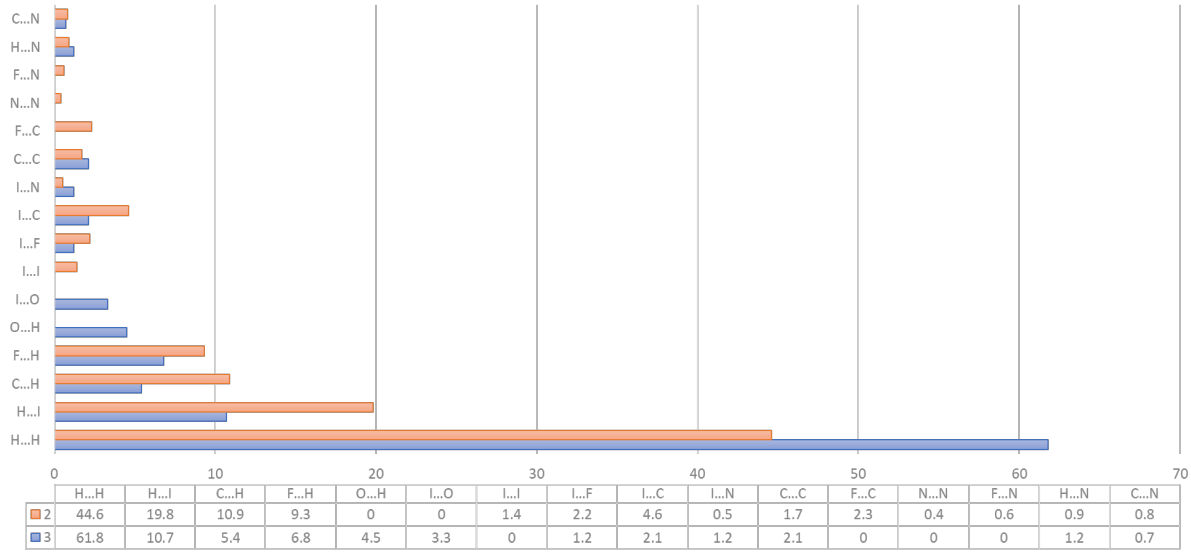
Hirshfeld Surface Analysis



	H...H	H...I	C...H	F...H	O...H	I...O	I...I	I...F	I...C	I...N	C...C	F...C	N...N	F...N	H...N	C...N
2	44.6	19.8	10.9	9.3	0	0	1.4	2.2	4.6	0.5	1.7	2.3	0.4	0.6	0.9	0.8
3	61.8	10.7	5.4	6.8	4.5	3.3	0	1.2	2.1	1.2	2.1	0	0	0	1.2	0.7

Figure S1. Percentage contributions of various intermolecular contacts to the Hirshfeld surface area in **2** and **3**.

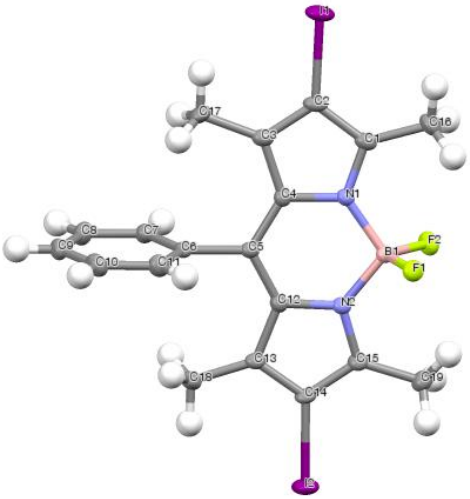


Figure S2. View of the crystal structure of **2**. Displacement ellipsoids are drawn at 50% probability level.

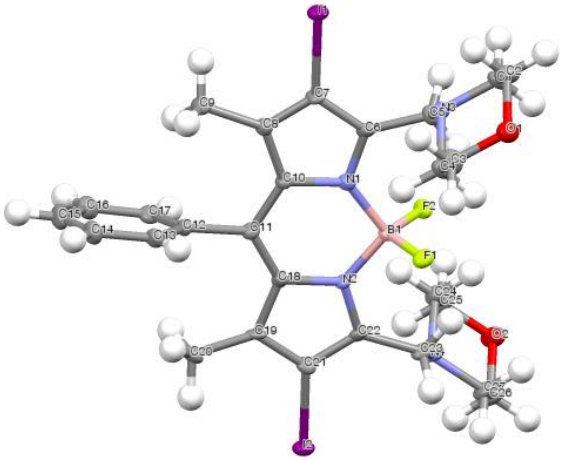


Figure S3. View of the crystal structure of **3**. Displacement ellipsoids are drawn at 50% probability level.

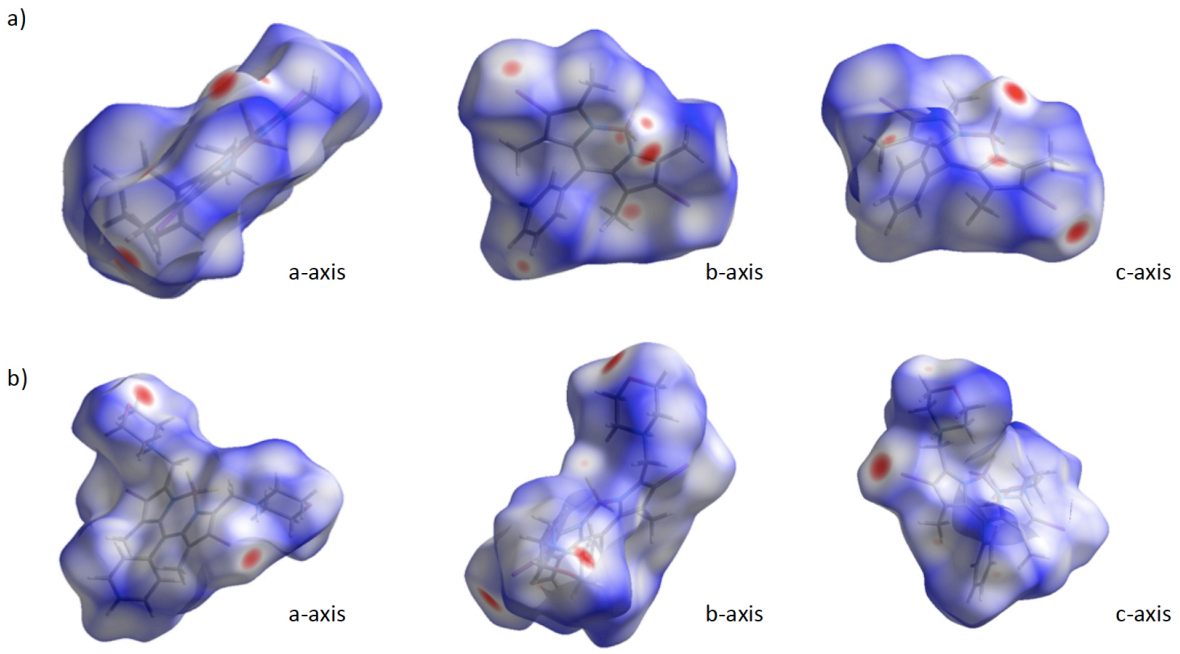


Figure S4. Views of the d_{norm} surfaces of a) **2** and b) **3**, viewed along different crystallographic axes.

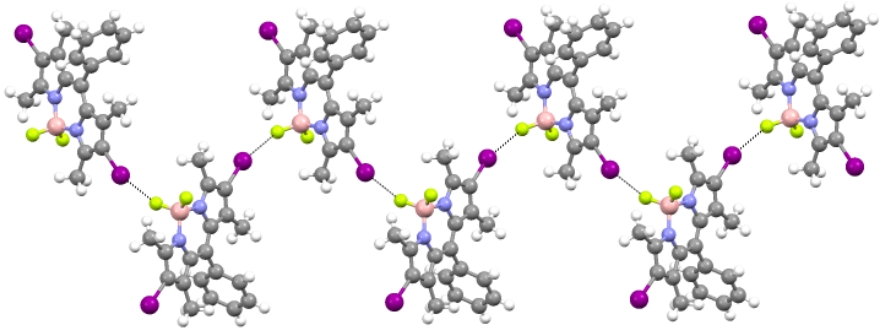


Figure S5. Chains observed in **2**, (polymorph I) formed by intermolecular C–I···F interactions.

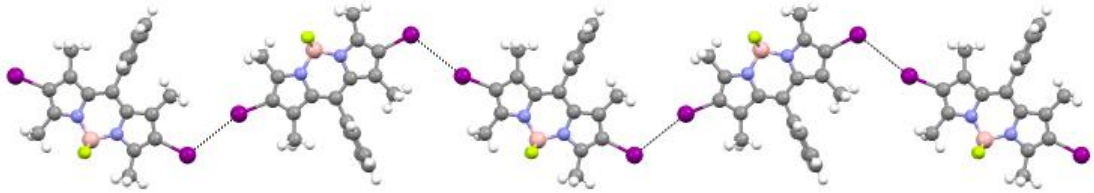


Figure S6. Chains observed in polymorph II of ,6-diiodo-1,3,5,7-tetramethyl-8-phenyl-4,4-difluoroboradiazaindacene[35] formed by intermolecular C–I···I interactions.

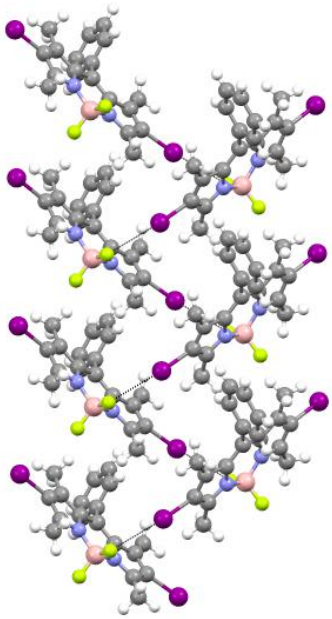


Figure S7. Chains observed in polymorph III of ,6-diiodo-1,3,5,7-tetramethyl-8-phenyl-4,4-difluoroboradiazaindacene[36] formed by intermolecular C–I···F interactions.

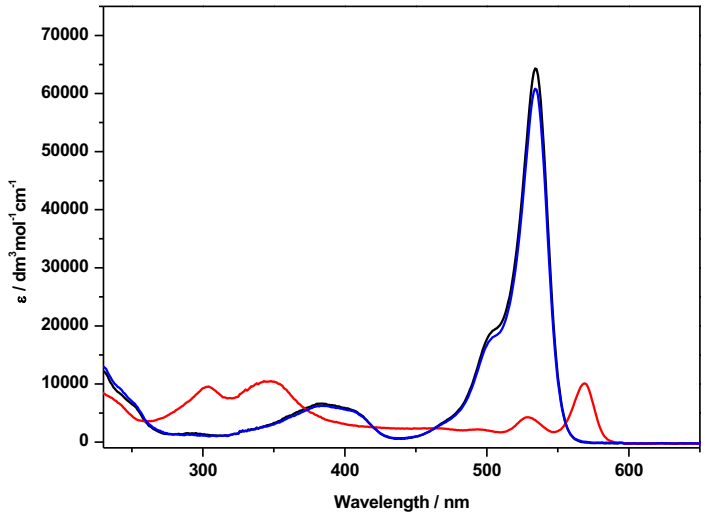


Figure S8. UV-vis spectroelectrochemsitry of **2** in CH_2Cl_2 with [^{n}Bu$_4$N][BF_4] as electrolyte at 243 K. Black line is the spectral profile of **2** before reduction. Red line is the spectral profile of [**2**]$^-$. Blue line is the spectral profile obtained after the redox cycle.

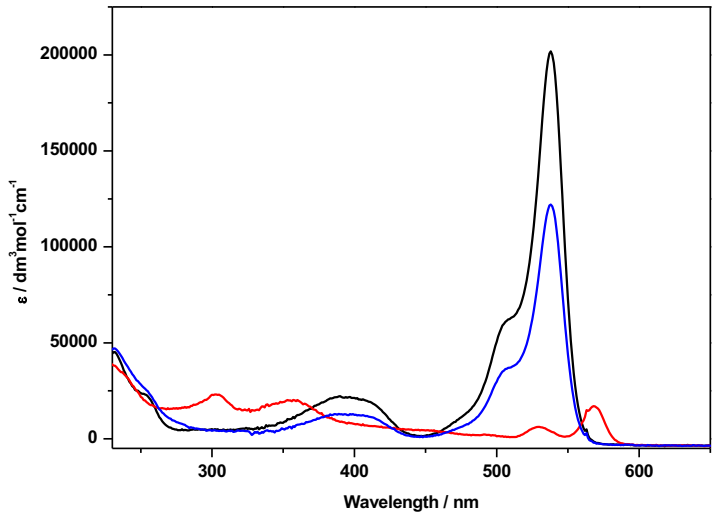


Figure S9. UV-vis spectroelectrochemsitry of **3** in CH_2Cl_2 with [^{n}Bu$_4$N][BF_4] as electrolyte at 243 K. Black line is the spectral profile of **3** before reduction. Red line is the spectral profile of [**3**]$^-$. Blue line is the spectral profile obtained after the redox cycle.

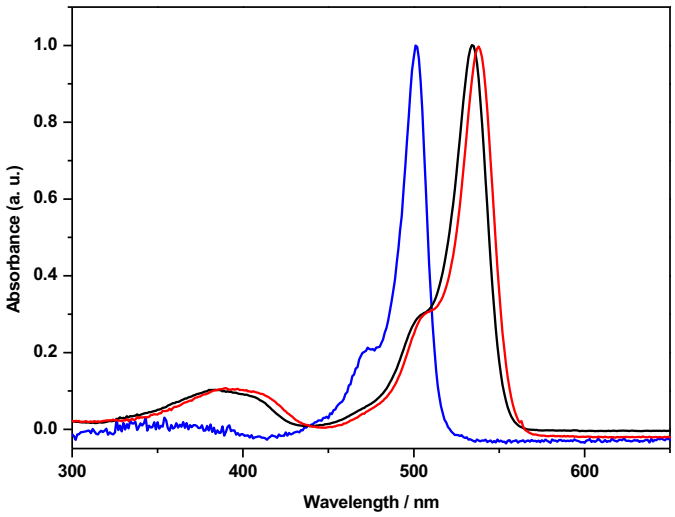


Figure S10. Normalized UV–vis absorption spectra of **1** (blue line), **2** (black line) and **3** (red line) in CH_2Cl_2 with [^{n}Bu$_4$N][BF_4] as electrolyte at 243K.