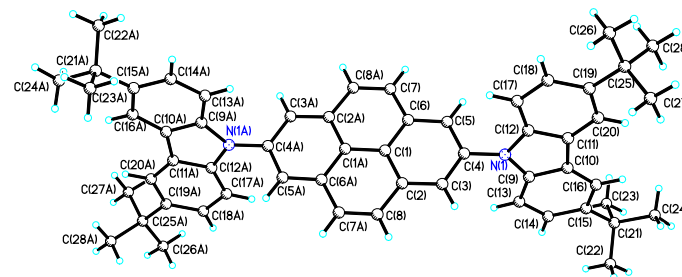
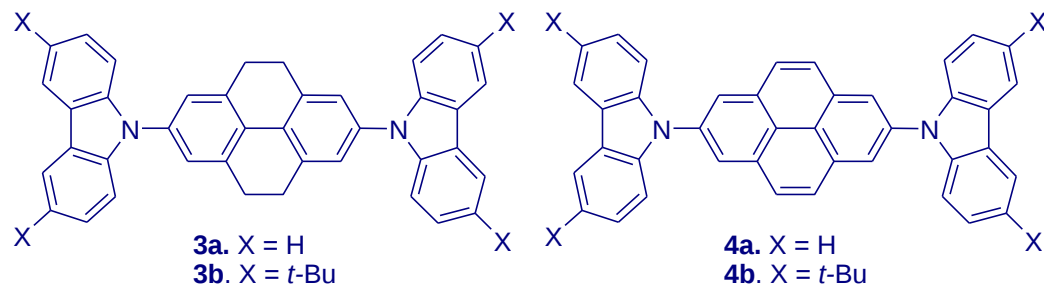


Design and Synthesis of Novel Pyrene Discotics and Their Investigation in Organic Photovoltaic Cells

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Cpd	Experiment							Theory				
	$E_{1/2}^{+/0}$	$E_{1/2}^{+2/+}$	$\Delta E_{1/2}$	λ_{onset}	$E_{\text{g}}^{\text{opt}}$	IP_{s}	EA_{s}	IP_{vert}	IP_{adi}	IP_{KT}	EA_{KT}	$\text{IP}_{\text{KT}}-\text{EA}_{\text{KT}}$
	(V)	(V)	(mV)	(nm)	(eV)	(eV)	(eV)	(eV)	(eV)	(eV)	(eV)	(eV)
3b	+0.60	+0.74	148	370	3.35	5.4	2.1	5.99	5.92	5.02	1.19	3.83
4b	+0.72	+0.80	104	358	3.46	5.5	2.1	6.11	6.06	5.14	1.87	3.27

