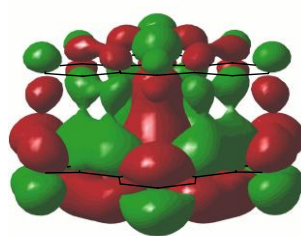
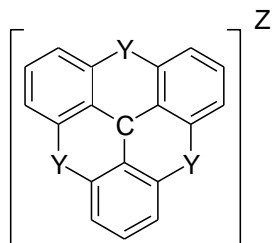


Discotic Salts: The Nature of Ion Pairing between Charged Aromatic Molecules.

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Triangulene derivatives are fashioned to possess opposite charges. The molecular orbitals of these are highly complementary, however the effects of ion pairing in these discotic species is not entirely intuitive. Novel bonding, and intriguing manifestations of charge-enhanced π -stacking in crystals, computed structures, mass spectra, gas phase and solution state binding will be discussed. The popular view of π -stacking will also be open to critique.



HOMO: Salt Pair