

Supporting Information for
Excited State Mixed Valence in a Diphenyl Hydrazine Cation:
Spectroscopic Consequences of Coupling and Transition Dipole
Moment Orientation

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Crystallographic parameters can be found in the accompanying cif files.

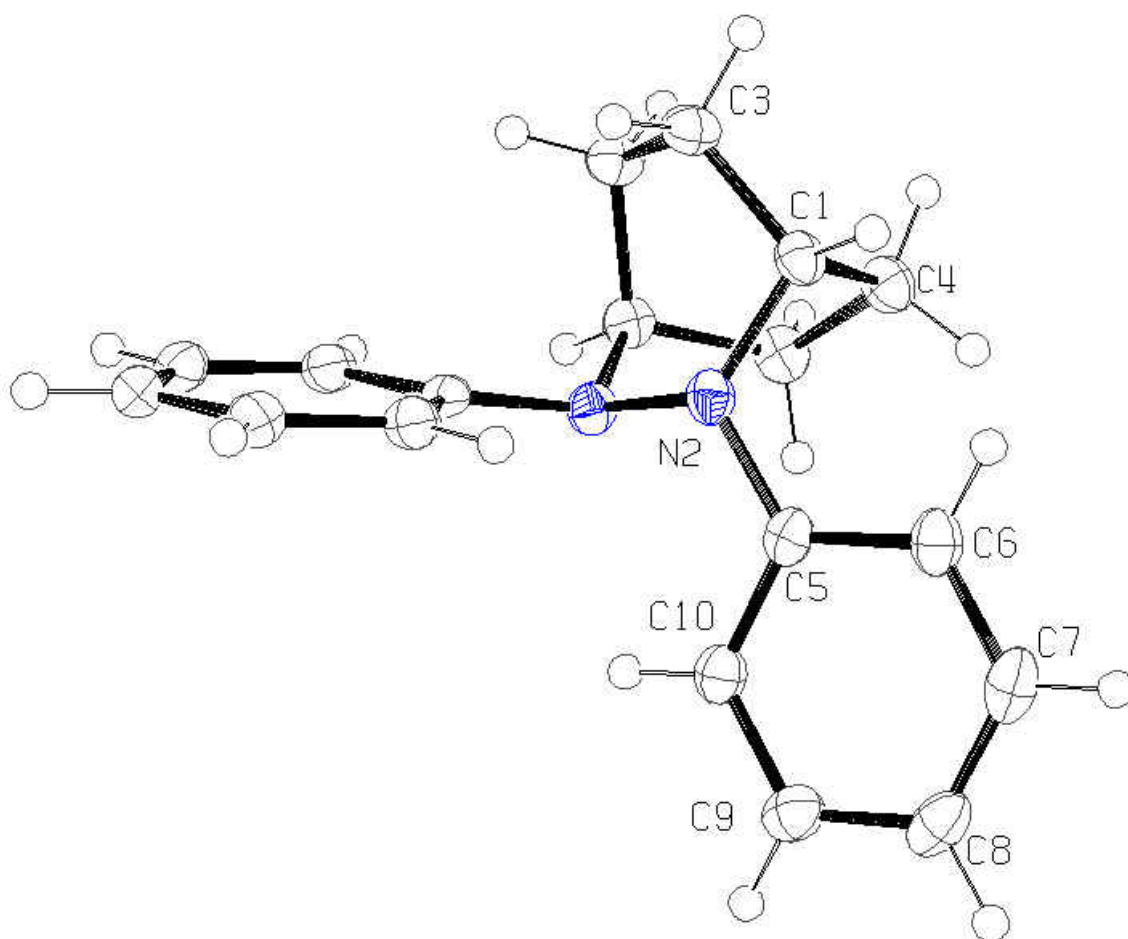


Figure S1. X-ray structure of **1** (**22/Ph₂**). Thermal ellipsoids drawn at 50 % probability.

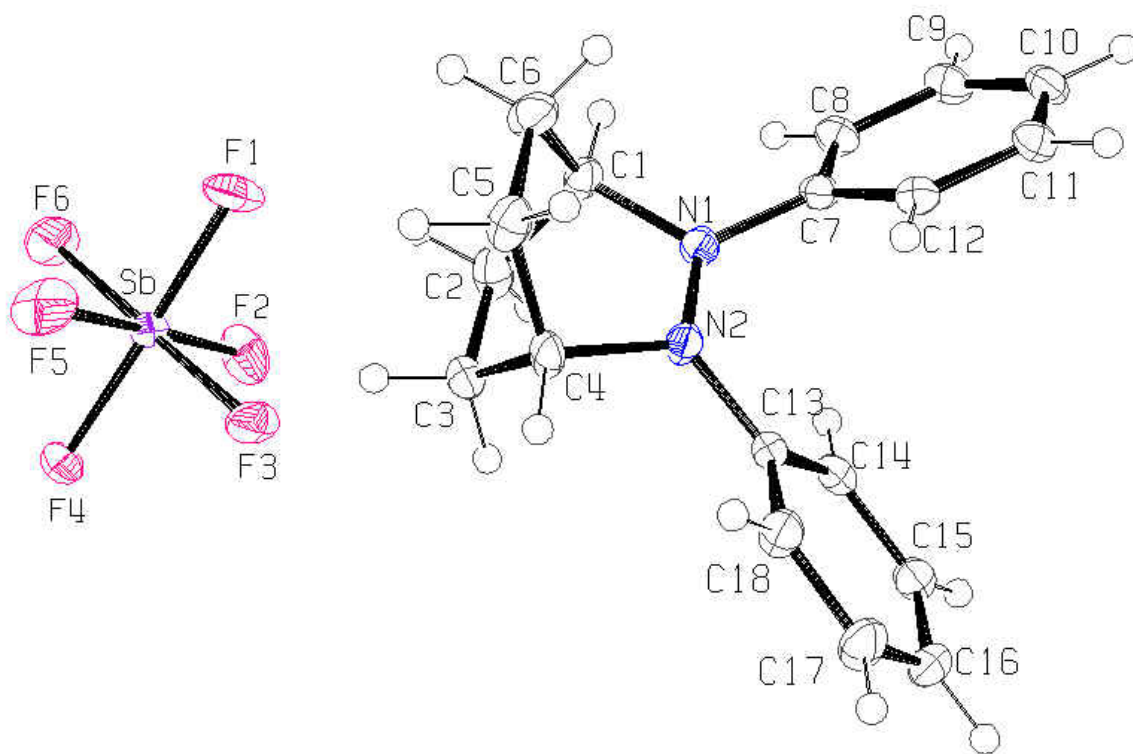


Figure S2. X-ray structure of $\mathbf{1}^+$ (SbF_6^-). Thermal ellipsoids drawn at Thermal ellipsoids drawn at 50 % probability.