

**Efficient Electrogenerated chemiluminescence from Osmium(II) phenanthroline Systems Containing
Tetraphenylarsine or Diphenylphosphine Ligands.**

Niall 'Seamus' Pennington and Mark M. Richter*

Department of Chemistry, Missouri State University, Springfield, Missouri 65897

(markrichter@missouristate.edu)

Brenden Carlson*

Department of Chemistry, University of Washington, Seattle, Washington 98195

(wcarlson@u.washington.edu)

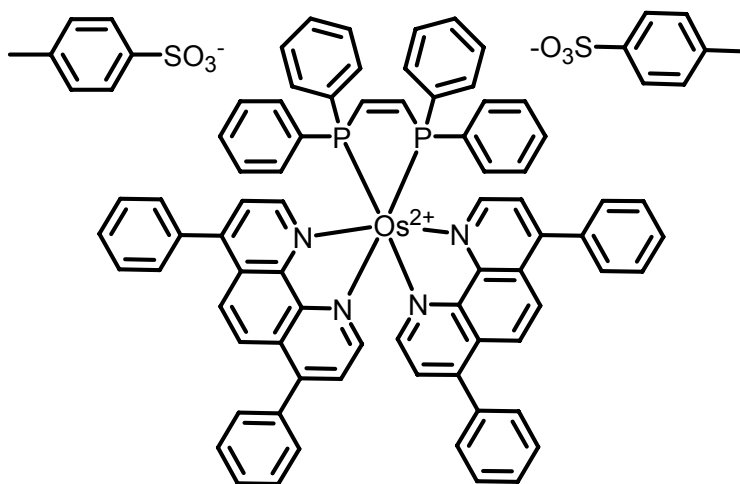


Figure S.1. Compound abbreviated P1: bis(4,7-diphenyl-1,10-phenanthroline) cis-1,2-vinylenebis(diphenylphosphine)osmium(II) tosylate.

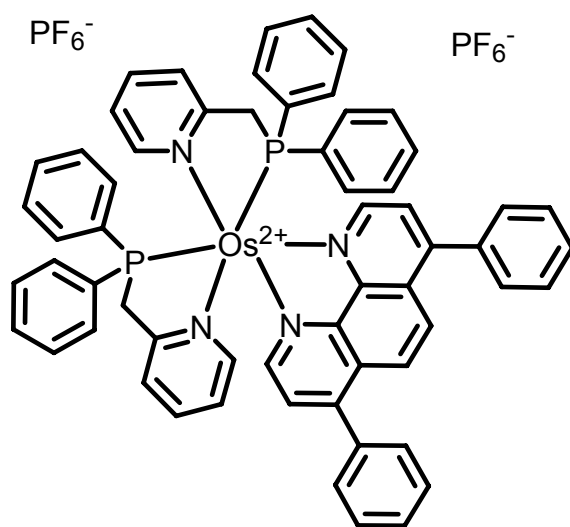


Figure S.2. Compound abbreviated P2: bis(2-[(diphenylphosphanyl)-methyl]-pyridine) (4,7-diphenyl-1,10-phenanthroline)osmium(II) hexafluorophosphate

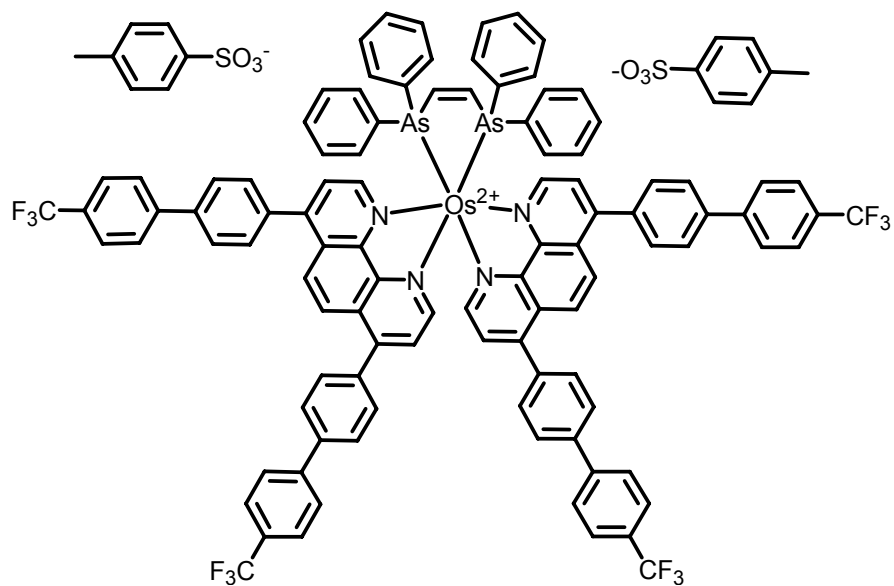


Figure S.3. Compound abbreviated As1: bis(2-[(diphenylphosphanyl)-methyl]-pyridine) (4,7-diphenyl-1,10-phenanthroline)osmium(II) hexafluorophosphate

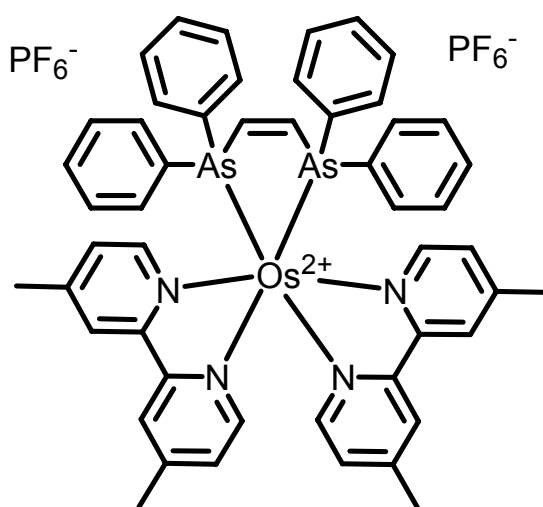


Figure S.4. Compound abbreviated As2: bis(4,4'-dimethyl-2,2'-bipyridine) cis-1,2-vinylenebis(diphenylarsine)osmium(II) hexafluorophosphate.

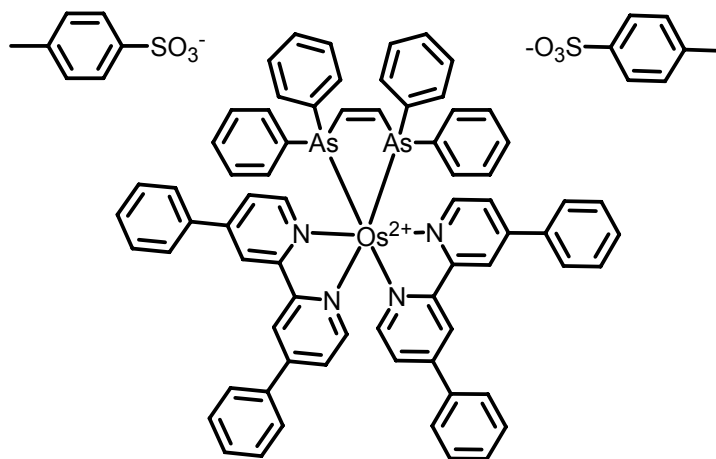


Figure S.5. Compound abbreviated As3: bis(4,4'-diphenyl-2,2'-bipyridine) cis-1,2-vinylenebis(diphenylarsine) osmium(II) Tosylate.