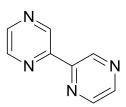
## **Strem Chemicals, Inc**

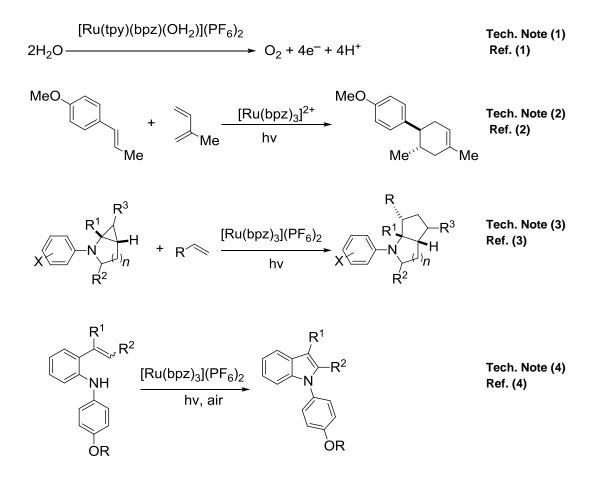
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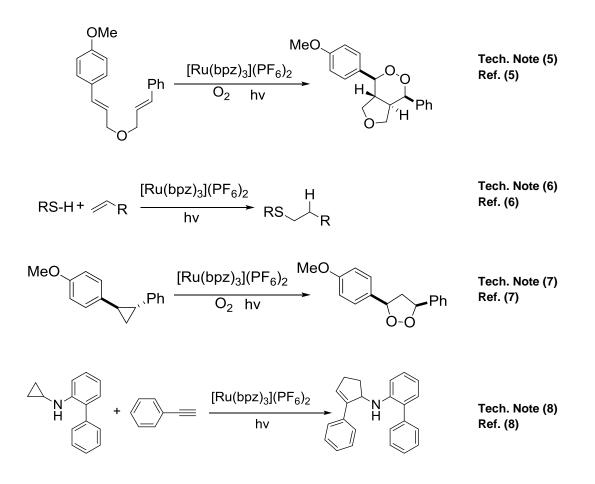
Catalog # 07-0750 2,2'-Bipyrazine, 95%



**Technical Notes:** 

- 1. Ligand for the ruthenium- promoted catalytic water oxidation reaction.
- 2. Ligand for the ruthenium promoted photocatalytic Diels-Alder cycloaddition.
- 3. Ligand for the ruthenium photocatalyzed intermolecular [3+2] cycloaddition of cyclopropylamines with olefins.
- 4. Liagnd for the ruthenium mediated photocatalytic reaction for the preparation of N-arylindoles.
- 5. Endoperoxide synthesis by photocatalytic aerobic [2+2+2] cycloadditions.
- 6. [Ru(bpz)<sub>3</sub>](PF<sub>6</sub>)<sub>2</sub> catalyzed anti-Markovnikov hydrothiolation of olefins with a variety of thiols.
- 7. [Ru(bpz)<sub>3</sub>](PF<sub>6</sub>)<sub>2</sub> catalyzed [3+2] photooxygenation of aryl cyclopropanes.
- 8. [Ru(bpz)<sub>3</sub>](PF<sub>6</sub>)<sub>2</sub> catalyzed intermolecular [3 + 2] annulation of cyclopropylanilines with alkynes.





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