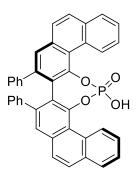
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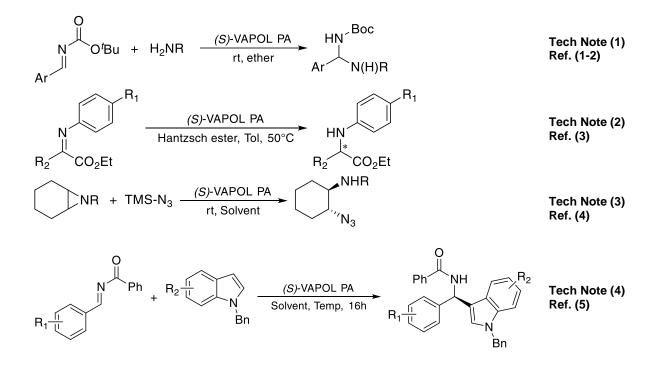
Catalog # 15-8555

(8aS)-18-Hydroxy-8,9-diphenyl-18-oxide-diphenanthro[4,3-d:3',4'f][1,3,2]dioxaphosphepin, 98%, (99% ee)



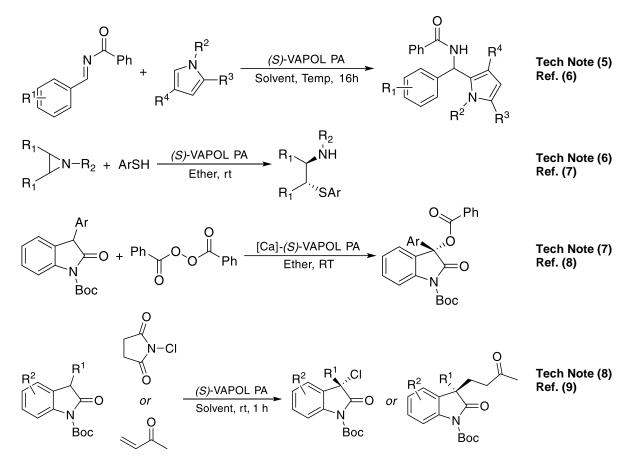
**Technical Notes:** 

- 1. Organocatalyst for amidation of imines.
- 2. Organocatalyst for asymmetric reduction of α-imino esters to generate α-amino esters.
- 3. Organocatalyst for desymmetrization of meso-aziridines.
- 4. Organocatalyst for the highly enantioselective addition of indoles to *N*-acyl imines.
- 5. Organocatalyst for the enantioselective Friedel-Crafts reaction of pyrrole derivatives with imines.
- 6. Organocatalyst for the desymmetrization of meso-aziridines with functionalized mercaptans.
- 7. Organocatalyst for highly enantioselective benzoyloxylation of 3-aryloxindoles.
- 8. Used in for the Ca/Chiral phosphoric acid cata;yzed asymmetric chlorination and Michael Reactions of 3substituted oxindoles.



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