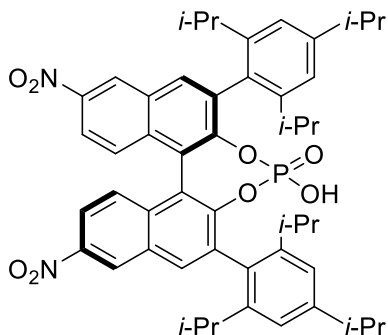
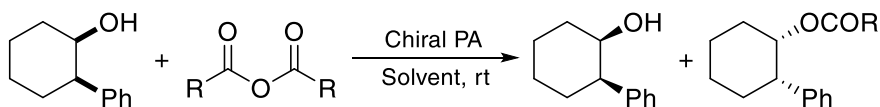


Catalog # 15-8550 (11*b*R)-4-Hydroxy-9,14-dinitro-2,6-bis[2,4,6-tris(1-methylethyl)phenyl]-4-oxide-Dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin, 98%

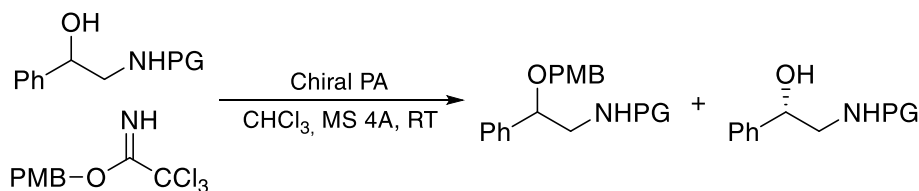


#### Technical Notes:

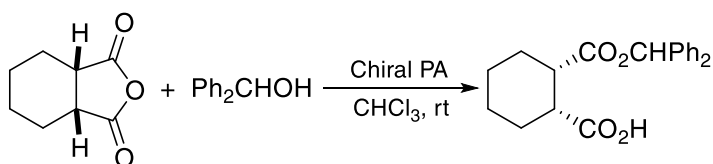
1. Organocatalyst used for the kinetic resolution of secondary alcohols.
2. Catalyst used in the kinetic resolution of  $\beta$ -amino alcohols via asymmetric substitutions at  $sp^3$ -hybridized carbon atoms.
3. Brønsted acid catalyst used for asymmetric desymmetrization of  $\sigma$ -symmetric acid anhydrides.



**Tech Note (1)**  
**Ref. (1)**



**Tech Note (2)**  
**Ref. (2)**



**Tech Note (3)**  
**Ref. (3)**

#### References:

1. *Angew. Chem. Int. Ed.* **2013**, *52*, 10227.
2. *Angew. Chem. Int. Ed.* **2016**, *55*, 13137.
3. *Tetrahedron Lett.*, **2016**, *57*, 4098.