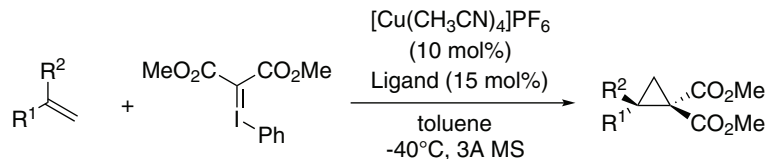


**07-1235 (4S,4'S)-2,2'-(1,3-Bis[4-(t-butyl)phenyl]propane-2,2-diyl)bis(4-phenyl-4,5-dihydrooxazole) (S)-BTBBPh-SaBOX**  
 (1428328-51-1)  
 $C_{41}H_{46}N_2O_2$ ; FW: 598.81; white powdr.

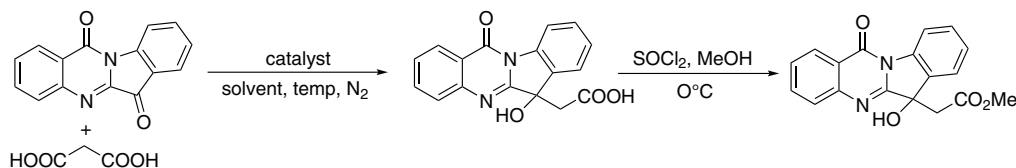
250mg  
1g

#### Technical Notes:

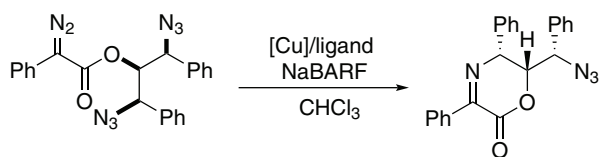
1. A chiral cage like copper (I) catalyst for the highly enantioselective synthesis of 1.1-cyclopropane diesters.
2. Direct catalytic asymmetric synthesis of  $\beta$ -hydroxy acids from malonic acid.
3. Asymmetric intramolecular desymmetrization of meso- $\alpha,\alpha'$ -diazido alcohols with aryldiazoacetates.
4. Catalytic asymmetric [3+1]-cycloaddition reaction of ylides with electrophilic metallo-enolcarbene intermediates.



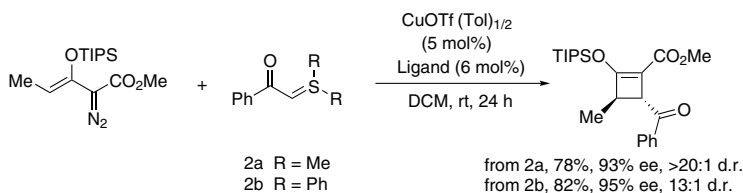
**Tech. Note (1)**  
**Ref. (1)**



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



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



**Tech. Note (4)**  
**Ref. (4)**

#### References:

1. *Angew. Chem. Int. Ed.*, **2012**, *51*, 11620
2. *Org. Lett.*, **2015**, *17*, 5962.
3. *Org. Lett.*, **2016**, *18*, 1984.
4. *Angew. Chem. Int. Ed.*, **2017**, *56*, 7479.

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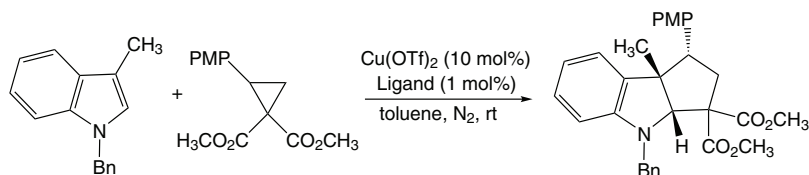
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**07-1228 (3a*S*,3a'*S*,8a*R*,8a'*R*)-2,2'-(1,3-Bis(3,5-di-*t*-butylphenyl)propane-2,2-diyl)bis(8,8a-dihydro-3a*H*-indeno[1,2-*d*]oxazole) (S,*R*)-BDTBIn-SaBOX (1435467-29-0)** 100mg  
500mg  
C<sub>51</sub>H<sub>62</sub>N<sub>2</sub>O<sub>2</sub>; FW: 735.05; white solid

Technical Note:

- Ligand used in the copper-catalyzed, highly enantioselective cyclopentannulation of indoles with donor-acceptor cyclopropanes.



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

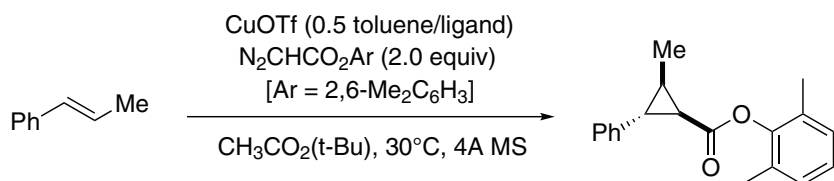
Reference:

- J. Am. Chem. Soc.*, **2013**, 135, 7851

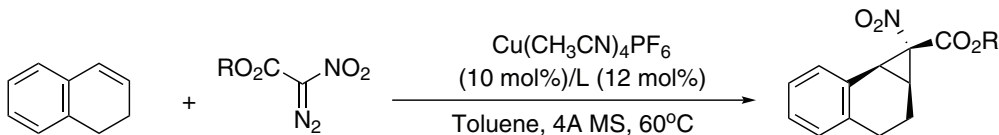
**07-1219 (4*S*,4'*S*)-2,2'-(1-Phenylpropane-2,2-diyl)bis(4-phenyl-4,5-dihydrooxazole) (S)-BnPh-SaBOX** 250mg  
(1404433-37-9) 1g  
C<sub>27</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>; FW: 410.51; white solid

Technical Notes:

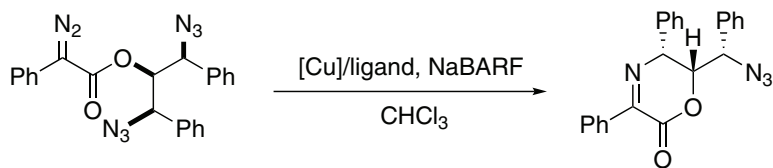
- Ligand used in the copper-catalyzed, highly diastereo- and enantioselective cyclopropanation of 1,2-disubstituted alkenes.
- Ligand used in the copper-catalyzed, highly diastereo- and enantio-selective cyclopropanation of *cis*-1,2-disubstituted olefins with  $\alpha$ -nitrodiazoacetates
- Ligand used in the copper-catalyzed asymmetric intramolecular desymmetrization of meso- $\alpha,\alpha'$ -diazido alcohols with aryldiazoacetates



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



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



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

References:

- Angew. Chem. Int. Ed.*, **2012**, 51, 8838
- Sci. Bull.*, **2015**, 60, 210
- Org. Lett.*, **2016**, 18, 1984

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