



# Asymmetric dearomative spirolactonization of naphthols using $\lambda$ 3 -iodanes under chiral phase-transfer catalysis

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Résumé en anglais	The asymmetric phase-transfer catalytic effect of chiral Cinchona alkaloid-derived quaternary ammonium salts was investigated in the context of the $\lambda$ 3-iodane-mediated dearomative spirolactonization of naphthols. The scope and limitations of this methodology were evaluated using various substrates, which were converted into spirolactones in good yields and with enantiomeric excesses up to 58%.
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## Liens

- [1] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=33995>
- [2] <http://okina.univ-angers.fr/user/4157/publications>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=33996>
- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=33997>
- [5] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=33998>
- [6] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=27309>
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- [11] <http://okina.univ-angers.fr/publications/ua18875>
- [12] <http://dx.doi.org/10.1016/j.tet.2017.04.028>
- [13] <https://www.sciencedirect.com/science/article/pii/S0040402017304003?via%3Dihub>

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