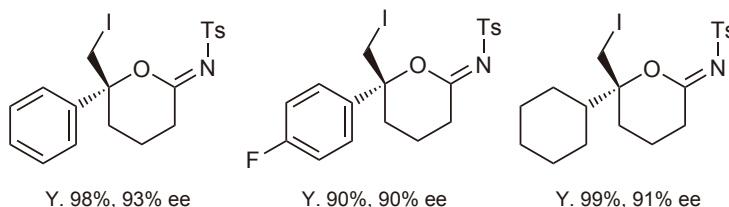
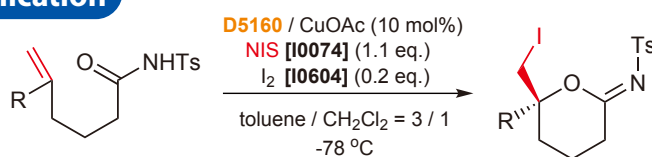
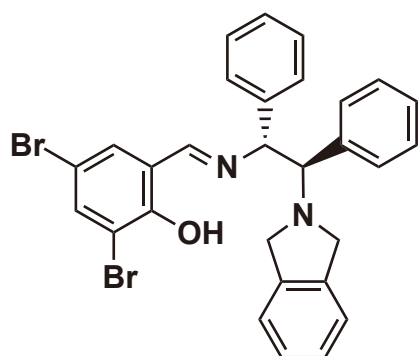


Chiral Ligands for Asymmetric Iodocyclization

New D5160 2,4-Dibromo-6-[(*E*)-[[*(1R,2R)*-2-(isoindolin-2-yl)-1,2-diphenyl-ethyl]imino]methyl]phenol 50mg

Useful for enantioselective iodocyclization of tosylamides by forming a copper complex catalyst

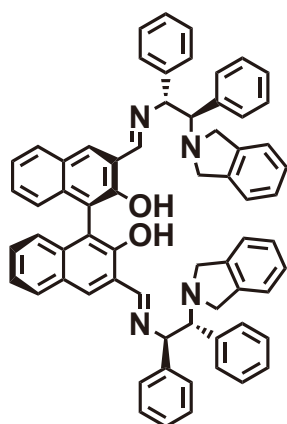
Application



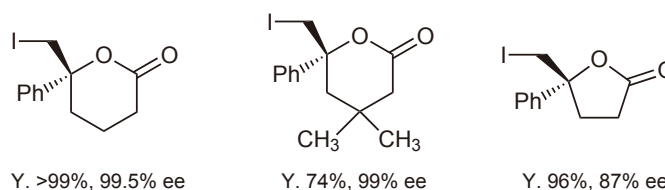
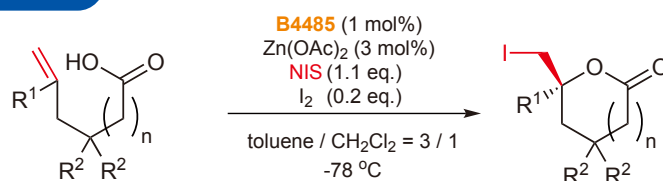
T. Arai, O. Watanabe, S. Yabe, M. Yamanaka, *Angew. Chem. Int. Ed.* **2014**, *50*, 8287.

B4485 (*R*)-3,3'-Bis[[[*(1R,2R)*-2-(isoindolin-2-yl)-1,2-diphenyl-ethyl]imino]methyl]-1,1'-bi-2-naphthol 50mg

Useful for enantioselective iodolactonizations by forming a trinuclear zinc complex catalyst



Application



T. Arai, N. Sugiyama, H. Masu, S. Kado, S. Yabe, M. Yamanaka, *Chem. Commun.* **2014**, *50*, 8287.

Related Products

I0074 *N*-Iodosuccinimide (= NIS)

I0604 Iodine

5g / 25g / 100g
25g / 500g



Chiral Ligands for Asymmetric Iodocyclization

Introduction of the Researcher

The Arai Group

Department of Chemistry, Graduate School of Science, Chiba University

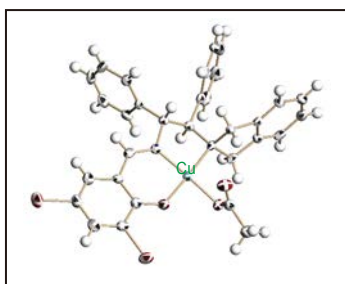


Research Description

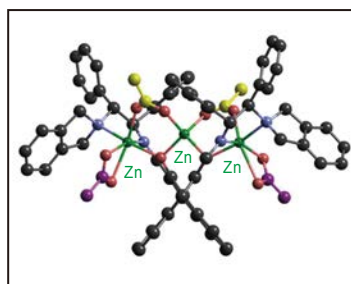
Current research interests focus on the tailor-made development of novel asymmetric catalysts for providing highly functionalized complex molecules. In a program of "diversity-oriented asymmetric catalysis (DOAC)", Arai Group's aim is the creation of new biologically significant compounds in one flask.

X-ray Crystallography (provided by Prof. Arai)

D5160 / Cu(OAc)₂ Complex



B4485 / Zn(OAc)₂ Complex



For further information please refer to our website at www.TCIchemicals.com.  

Ordering and Customer Service

TCI AMERICA

Tel : 800-423-8616 / 503-283-1681
Fax : 888-520-1075 / 503-283-1987
E-mail : Sales-US@TCIchemicals.com

TCI EUROPE N.V.

Tel : +32 (0)3 735 07 00
Fax : +32 (0)3 735 07 01
E-mail : Sales-EU@TCIchemicals.com

TCI Deutschland GmbH

Tel : +49 (0)6196 64053-00
Fax : +49 (0)6196 64053-01
E-mail : Sales-DE@TCIchemicals.com

Tokyo Chemical Industry UK Ltd.

Tel : +44 (0)1865 784560
Fax : +44 (0)1865 784561
E-mail : Sales-UK@TCIchemicals.com

TCI Chemicals (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909
Fax : 044-2262 8902
E-mail : Sales-IN@TCIchemicals.com

梯希爱(上海)化成工业发展有限公司

Tel : 800-988-0390 / 021-67121386
Fax : 021-6712-1385
E-mail : Sales-CN@TCIchemicals.com

TOKYO CHEMICAL INDUSTRY CO., LTD.

Tel : +81 (0)3-5640-8878
Fax : +81 (0)3-5640-8902
E-mail : globalbusiness@TCIchemicals.com

Availability, price or specification of the listed products are subject to change without prior notice. Reproduction forbidden without the prior written consent of Tokyo Chemical Industry Co., Ltd.