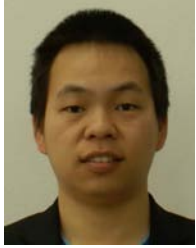


					1984.10	
		(Technische Universität Berlin)				

2003/09-2007/07

Ullmann-Pinacol

2007/09-2012/07

NAD(P)H

2012/08-2015/05

2015/06-

Hantzsch

1,4 1,2-

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Chem. Rev., Chem. Soc. Rev., J. Am.

Chem. Soc. (6), *Org. Lett.*

24

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Chem. Sci., Chem.

Commun.

1

[Ru(*p*-cymene)I₂]₂

CPA

NAD(P)H

94% ee

Ru(II)

(1)

J. Am. Chem. Soc. (2011, 133, 6126)

Benjamin List

Synfacts (2011, 6,

673)

1.

2 NAD(P)H -Hantzsch

[Ru(*p*-cymene)I₂]₂

NAD(P)H -Hantzsch

99% ee

Hantzsch

J. Am. Chem. Soc. (2011, 133, 16432-16435.)

Angew. Chem. Int. Ed. (2012, 51, 11423)

2. NAD(P)H -Hantzsch

3 NAD(P)H -
NAD(P)H -

90% ee

NAD(P)H

Hantzsch

1,2

1,4

J. Am. Chem. Soc. (2012, 134, 2442)

Matthias Beller

NAD(P)H -

(*Angew. Chem. Int. Ed.* 2013, 52,

8382; *J. Am. Chem. Soc.* 2015, 137, 2763)

3. NAD(P)H -

4

1,3-

1,4 1,2

C-H

J. Am. Chem. Soc. (2014, 136, 3772)

Organic Chemistry Portal

1.

2.

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5.

2.419, Citations 17).

12. Hongqiang Liu, Lei Shi, **Qing-An Chen**, Lei Wang,* Yong-Gui Zhou.* Synthesis of MeO-PEG-Supported Ferrocenyloxazoline Ligands and Their Application in Asymmetric Catalysis. *Acta Chim. Sinica* **2013**, *71*, 40-43. (Impact Factor 1.426, Citations 4).
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17. Ying Duan, Mu-Wang Chen, **Qing-An Chen**, Chang-Bin Yu and Yong-Gui Zhou.* Pd-Catalyzed Asymmetric Hydrogenation of 3-(Toluenesulfonamidoalkyl)indoles. *Org. Biomol. Chem.* **2012**, *10*, 1235-1238. (Impact Factor 3.562, Citations 39).
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Researcher ID: F-7463-2011

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- 1) GM105938 150 2013-2017
- 2) 973 2010CB8333004 400
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- 1) 2012 , 2,3-
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- 2) -6- 2012 -6H- [2,1-c][1,4]-
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- 3) 2011 3- 2,3-
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- 4) 2011
CN201110236779
- 5) 2011 Hantzsch
CN 201110153294
- 6) 2009
CN200910187742

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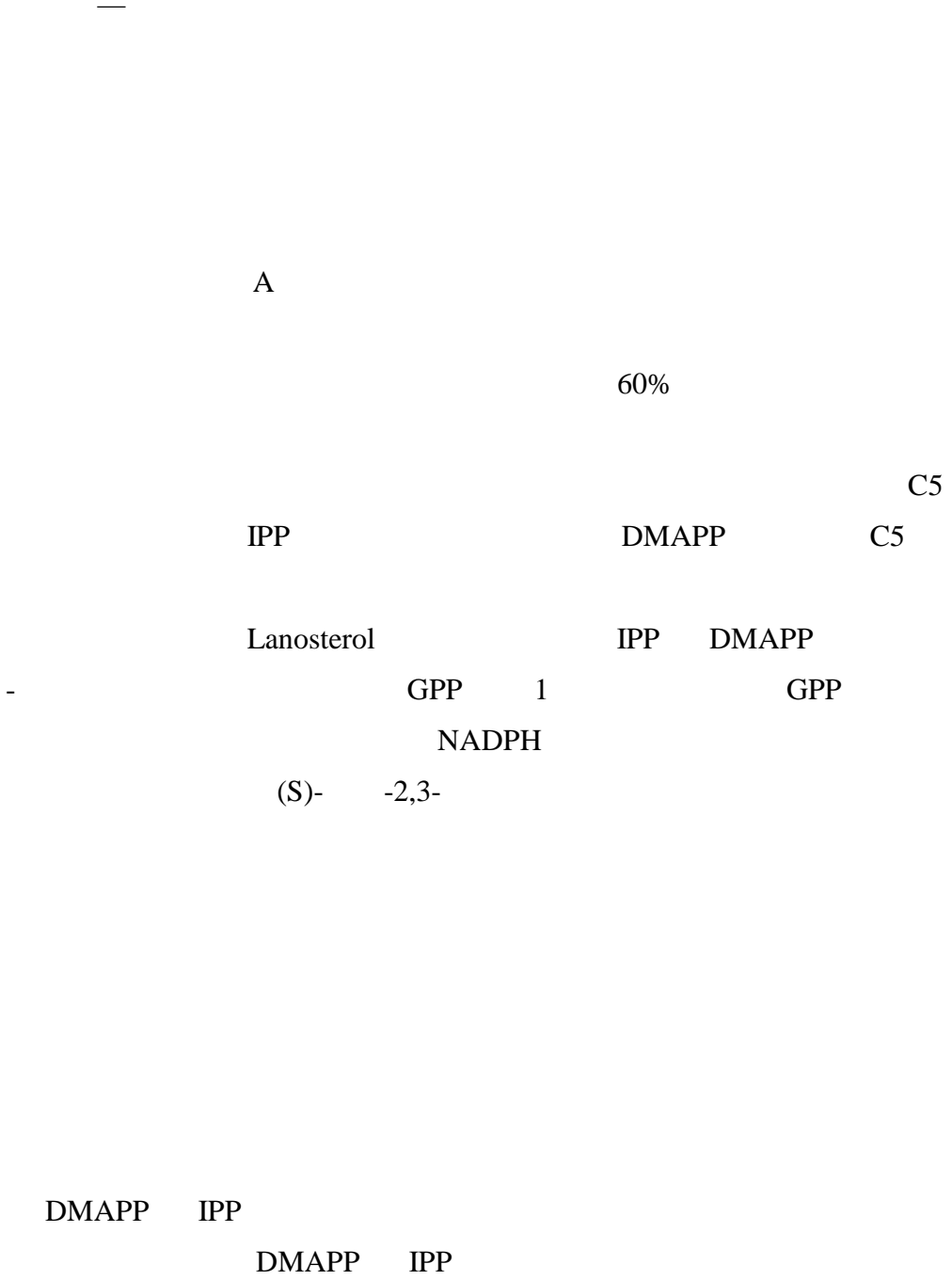
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C-C C-N C-O C-Si C-B

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