Organic LETTERS
Addition/Correction
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Correction to A Facile Access to Enantioenriched Isoindolines *via* One-Pot Sequential Cu(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition/Oxidation

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Supporting Information

An incorrect X-ray structure and CIF file caused misinterpretation of the structures of **5a**−**r** and **7**. See below for corrections to the paper and the Supporting Information. Complete corrected Supporting Information and a corrected CIF for **5b** are included.

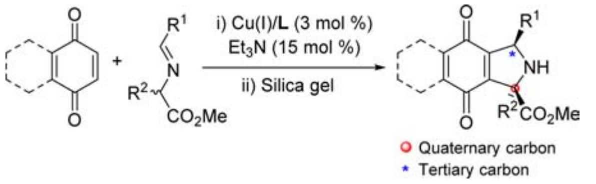
Page 6230: The title should be "A Facile Access to Enantioenriched Isoindolines via One-Pot Sequential Cu(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition/Oxidation".

Page 6230, Abstract text, line 3: "aromatization" should be replaced by "oxidation".

Page 6231, right column, lines 1 and 37; page 6232, right column, lines 3 and 30; page 6233, right column, line 6: "aromatization" should be replace by "oxidation".

Page 6321, right column, line 21, "significant" should be replaced by "partially"; line 23, "efficiently" should be replaced by "partially"; line 34, "keto-isomer" should be replaced by "precursor".

Scheme 1



The Abstract/TOC graphic, Schemes 1−3, Tables 1 and 2, and Figure 1 should be replaced.

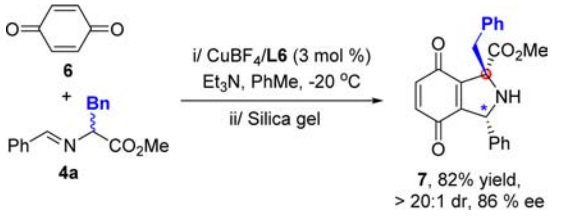
We thank Professor Dr. Alex M. Szpilman for his kindly pointing out the mistakes.

ASSOCIATED CONTENT

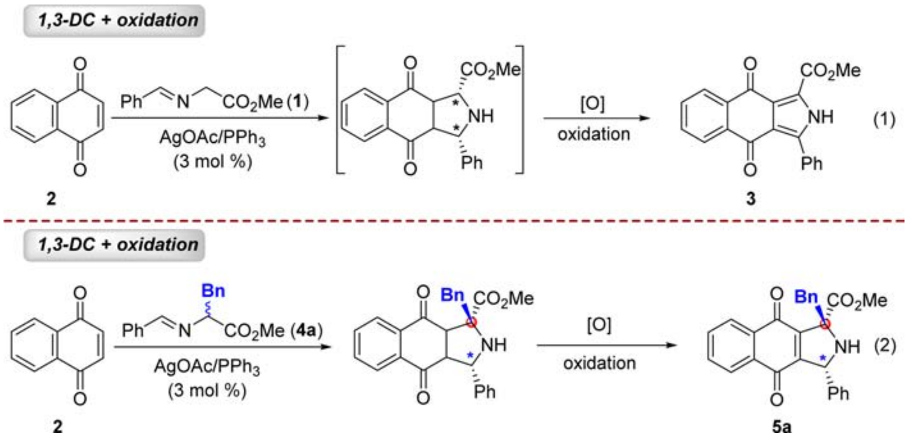
Supporting Information

Corrected structures are provided for **5a**−**r** and compound **7**. Several compounds have a proton in the spectra between 2.60 and 2.70 ppm that was not reported in the experimental details section; see the updated ^{1}H NMR reporting for compounds **5a**, **5d**, **5f**, **5g**, **5i**, and **5o**. There are fewer reported ^{1}H NMR peaks in the experimental details section than in the spectrum for compound(s) **5b** and **5n**; see the updated ^{1}H NMR reporting

Scheme 3. Catalyst asymmetric one-pot sequential 1,3-DC/Oxidation of Benzoquinone 6 and imino ester 4a



Scheme 2



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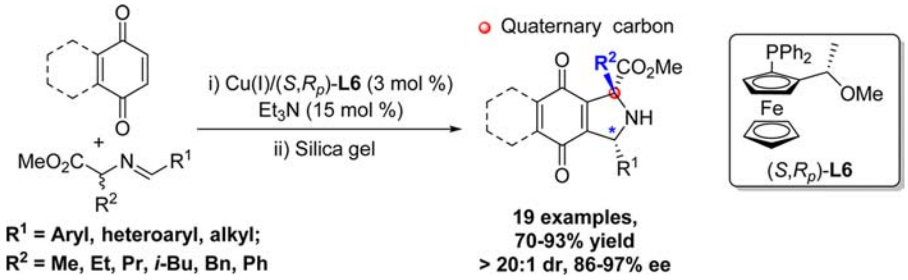
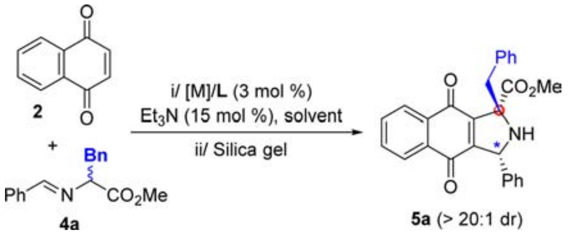
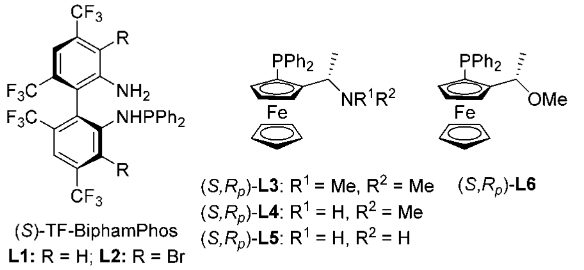


Table 1. Optimization of One-Pot and Sequential Catalytic Asymmetric 1,3-DC/Oxidation of Imino Ester 4a with Naphthoquinone 2.[a]



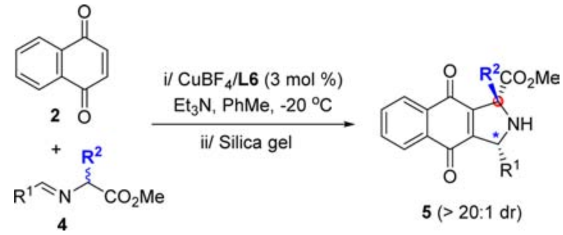
entry	L	[M]	solvent	t/°C	time/h	yield (%)[b]	ee (%)[c]
1	**L1**	AgOAc	CH_2Cl_2	rt	6	81	20
2	**L1**	$CuBF_4$	CH_2Cl_2	rt	6	87	9
3	**L2**	AgOAc	CH_2Cl_2	rt	6	86	27
4	**L2**	$CuBF_4$	CH_2Cl_2	rt	6	85	37
5	**L3**	AgOAc	CH_2Cl_2	rt	4	76	9
6	**L3**	$CuBF_4$	CH_2Cl_2	rt	4	85	71
7	**L4**	$CuBF_4$	CH_2Cl_2	rt	4	69	69
8	**L5**	$CuBF_4$	CH_2Cl_2	rt	4	74	22
9	**L6**	$CuBF_4$	CH_2Cl_2	rt	4	85	78
10	**L6**	$CuBF_4$	CH_2Cl_2	-20	12	89	87
11	**L6**	$CuBF_4$	Ether	-20	24	43	97
12	**L6**	$CuBF_4$	THF	-20	24	65	95
13	**L6**	$CuBF_4$	PhMe	-20	12	87	95



[a] All reactions were carried out with 0.26 mmol of **4a** and 0.20 mmol of **2** in 2 mL of solvent. $CuBF_4$ = $Cu(CH_3CN)_4BF_4$. [b] Isolated yield. [c] Ee was determined by HPLC analysis.

for **5b**: 7.88 (d, *J* = 7.5 Hz) should be replaced by 7.88 (d, *J* = 7.5 Hz, 1H); **5n**: 7.44 (d, *J* = 6.9 Hz, 1H) should be replaced by 7.44 (d, *J* = 6.9 Hz, 2H). There are more reported ^{1}H NMR peaks in the experimental details section than in the spectrum for compound **5r**; see the updated ^{1}H NMR reporting for **5r**: 7.40–7.24 (m, 8H) should be replaced by 7.40–7.24 (m, 6H). This material is available free of charge via the Internet at http://pubs.acs.org.

Table 2. Substrates Scope of One-Pot and Sequential Asymmetric 1,3-DC/Oxidation of Imino Ester 4 with Napthoquinone 2[a]



entry	R^1	R^2	5	yield[b] (%)	ee[c] (%)
1	Ph (**4a**)	Bn	**5a**	86	96
2	*p*-Cl-C_6H_4 (**4b**)	Bn	**5b**	89	95
3	*o*-Cl-C_6H_4 (**4c**)	Bn	**5c**	87	94
4	*m*-Cl-C_6H_4 (**4d**)	Bn	**5d**	87	94
5[d]	*p*-CF_3-C_6H_4 (**4e**)	Bn	**5e**	87	92
6	*p*-Me-C_6H_4 (**4f**)	Bn	**5f**	93	95
7	*o*-Me-C_6H_4 (**4g**)	Bn	**5g**	81	93
8	*m*-Me-C_6H_4 (**4h**)	Bn	**5h**	86	97
9	*p*-MeO-C_6H_4 (**4i**)	Bn	**5i**	81	96
10	*o*-MeO-C_6H_4 (**4j**)	Bn	**5j**	85	94
11[d]	2-naphthyl (**4k**)	Bn	**5k**	79	97
12	2-furyl (**4l**)	Bn	**5l**	76	94
13	Cy (**4m**)	Bn	**5m**	70	94
14	Ph (**4n**)	Me	**5n**	82	89
15	Ph (**4o**)	Et	**5o**	90	94
16[d]	Ph (**4p**)	Pr	**5p**	77	90
17[d]	Ph (**4q**)	^{i}-Bu	**5q**	74	93
18[d]	Ph (**4r**)	Ph	**5r**	86	93

[a] Unless otherwise noted, the reaction was carried out with 0.26 mmol of **4** and 0.20 mmol of **2** in 2 mL of toluene at −20 °C. [b] Isolated yield. [c] Ee was determined by HPLC analysis. [d] Carried out at 0 °C.

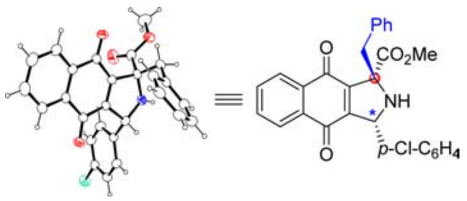


Figure 1. X-ray structure of (1*R*,3*R*)-**5b**.