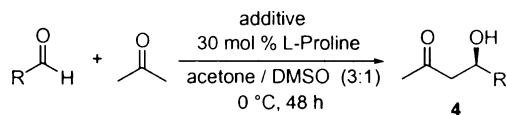


**Yan Zhou and Zixing Shan\***. Chiral Diols. A New Class of Additives for Direct Aldol Reaction Catalyzed by L-Proline.

Page 9512. Entry numbers in Table 3 did not appear in numerical order. The corrected table is presented with an additional scheme to obtain **4**.

**TABLE 3.** Direct Aldol Reaction Assisted by (S)-BINOL<sup>a</sup>



entry	R	additive	sub./cat./additive	product	configuration <sup>b</sup>	conversion (%) <sup>c</sup>	yield (%) <sup>d</sup>	ee (%) <sup>e</sup>
1	4-ClC <sub>6</sub> H <sub>4</sub>	(S)- <b>1</b>	10:3:0.1	<b>4a</b>	<i>R</i>	94	79	83
2		no	10:3:0		<i>R</i>	82	76	75
3	4-BrC <sub>6</sub> H <sub>4</sub>	(S)- <b>1</b>	10:3:0.1	<b>4b</b>	<i>R</i>	90	76	97
4		no	10:3:0		<i>R</i>	88	82	75
5	3-BrC <sub>6</sub> H <sub>4</sub>	(S)- <b>1</b>	10:3:0.1	<b>4c</b>	<i>R</i>	89	86	95
6		no	10:3:0		<i>R</i>	92	89	75
7	2,6-Cl <sub>2</sub> C <sub>6</sub> H <sub>3</sub>	(S)- <b>1</b>	10:3:0.1	<b>4d</b>	<i>R</i>	95	90	96
8		no	10:3:0		<i>R</i>	94	80	89
9	Ph	(S)- <b>1</b>	10:3:0.1	<b>4e</b>	<i>R</i>	79	56	98
10		no	10:3:0		<i>R</i>	60	43	72
11	9-anthranyl	(S)- <b>1</b>	10:3:0.1	<b>4f</b>	<i>R'</i>	30	23	87
12		no	10:3:0		<i>R'</i>	14	10	92
13	<i>i</i> -Pr	(S)- <b>1</b>	10:3:0.1	<b>4g</b>	<i>R</i>	—	46	90
14		no	10:3:0		<i>R</i>	—	43	88

<sup>a</sup> The reaction was carried out in acetone/DMSO (3:1) at 0 °C for 48 h. <sup>b</sup> Assigned by comparison of the HPLC retention time of the product with reported data (ref 17b). <sup>c</sup> Based on the aldehyde recovery after column chromatography. <sup>d</sup> Isolated yield after column chromatography. <sup>e</sup> Determined by HPLC. <sup>f</sup> Assigned by analogy.

JO063319W

10.1021/jo063319w

Published on Web 12/19/2006