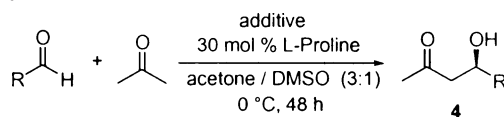


Yan Zhou and Zixing Shan*. Chiral Diols. A New Class of Additives for Direct Aldol Reaction Catalyzed by L-Proline.

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^a



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

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

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