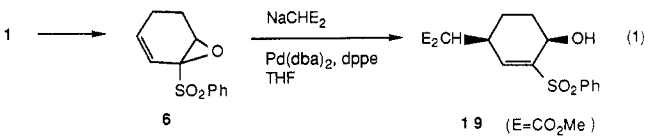
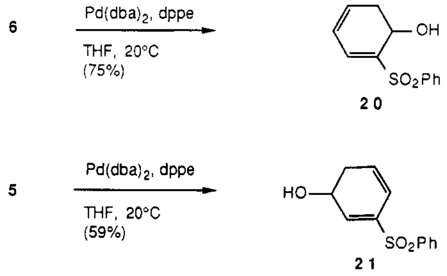
and dppe (1,2-bis(diphenylphosphino)ethane), **19** was formed in 85% yield (eq 1).[14] Thus, three of the four possible stereo- and regioisomers from 1,4-functionalization of **1** with OH and $CH(CO_2Me)_2$ can be prepared by this methodology (i.e., **14**, **17**, and **19**). The palladium-catalyzed reaction of vinyl epoxides usually works under neutral reaction conditions without added base.[15] However, in the palladium-catalyzed reaction of **6** it was necessary to use 1.2 equiv of $NaCH(CO_2Me)_2$ to override the competing β-hydride elimination in the (π-allyl)palladium intermediate to give **20**.[16] A selective formation of **20** from **6** occurred on treatment with a Pd(0) catalyst in the absence of nucleophile. An analogous Pd(0)-catalyzed rearrangement of **5** afforded **21**. Compounds **20** and **21**[17] contain important functionalities and should be useful synthetic intermediates.





Acknowledgment. Financial support from the Swedish Natural Science Research Council and the Swedish Board of Technical Development is gratefully acknowledged.

Supplementary Material Available: Experimental details and NMR, IR, and analytical data for **5**–**12**, **14**, **16**, **16′**, **17**, and **19**–**21** (6 pages). Ordering information is given on any current masthead page.

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[14] It is known that the palladium-catalyzed 1,4-opening of cyclic vinyl epoxides by dialkyl malonates occurs syn.[15a] The cis stereochemistry was confirmed by ^1H NMR analysis of **19**. Thus, both of the vicinal coupling constants of CHO are <4 Hz and the two corresponding vicinal coupling constants of the other allylic proton are 9.8 and 6.9 Hz. This shows that the OH group is pseudoaxial and the $CH(CO_2Me)_2$ group is pseudoequatorial.

[15] (a) Trost, B. M.; Molander, G. A. *J. Am. Chem. Soc.* **1981**, *103*, 5969. (b) Tsuji, J.; Kataoka, H.; Kobayashi, Y. *Tetrahedron Lett.* **1981**, *22*, 2575.

[16] For diene formation via (π-allyl)palladium complexes, see ref 3b and: Tsuji, J.; Yamakawa, T., Kaito, M.; Mandai, T. *Tetrahedron Lett.* **1978**, 2075. Trost, B. M.; Verhoeven, T. R.; Fortunak, J. M. *Ibid.* **1979**, 2301.

[17] Compound **21** has previously been prepared in 50% yield by treatment of **5** with LDA in THF at −78 °C.[5b]

Additions and Corrections

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David K. Ho, Ann T. McKenzie, Stephen R. Byrn, and John M. Cassady*. O^5-Methyl-(±)-(2′*R*,3′*S*)-psorospermin.

Page 342. Some errors appear in the table of atomic coordinates for compound **7**: C3 y/b should be 0.2973 (6), C3 U11 should be 0.059 (5), O5 z/c should be 0.6575 (3), O10 U11 should be 0.051 (4).

In addition to the above four coretions, in the original table of atomic coordinates atom C8 is missing, atom C9 except for x/a is incorrect, and atom O9 is missing. The correct data for C_8 through O_{10} are

	x/a	y/b	z/c	U11	U22	U33	U23	U13	U12
C8	0.1893 (12)	−0.1411 (6)	0.4945 (5)	0.066 (6)	0.045 (5)	0.052 (5)	0.008 (4)	0.018 (4)	0.010 (4)
C8a	0.1961 (11)	−0.0428 (6)	0.4705 (5)	0.047 (5)	0.048 (5)	0.041 (4)	0.003 (4)	0.007 (4)	0.012 (4)
C9	0.0934 (12)	−0.0107 (5)	0.3839 (4)	0.055 (6)	0.041 (4)	0.040 (4)	0.002 (4)	0.008 (4)	0.011 (4)
O9	0.0079 (8)	−0.0723 (4)	0.3326 (3)	0.078 (4)	0.035 (3)	0.044 (3)	−0.002 (3)	−0.004 (3)	0.000 (3)
O10	0.3092 (7)	0.1231 (4)	0.5076 (3)	0.051 (4)	0.049 (3)	0.037 (3)	0.000 (2)	−0.003 (2)	0.003 (3)