

Ethyl 2,2-Dimethyl-3-hydroxy-3-phenylpropionate (11).²¹ Trimethylsilyl ketene acetal **5** was added at $-78\text{ }^{\circ}\text{C}$ under N_2 to a suspension of samarium(II) (L)-menthoxide, prepared from SmI_2 and (L)-menthol as described above, and the mixture was stirred for 10 min. Then, benzaldehyde was added to the mixture. Steps similar to those used in the general procedure were followed. The ee was determined by HPLC [Daicel Chiralcel OD column; eluent: hexane/2-propanol = 98:2; flow rate: 1.0 mL/min; $40\text{ }^{\circ}\text{C}$; $t_R = 9.5$ min (major) and 11.5 (minor)]: $^1\text{H NMR}$ (C_6D_6) δ 7.40–7.22 (m, 5 H), 4.93 (d, $J = 4.2$ Hz, 1 H), 3.95 (q, $J = 7.2$ Hz, 2

H), 2.78 (d, $J = 4.2$ Hz, 1 H), 1.26 (s, 3 H), 1.11 (s, 3 H), 0.95 (t, $J = 7.2$ Hz, 3 H); MS m/z 222 (M^+); IR (neat): 3510, 1720 cm^{-1} . Compound **11** (20% ee) was hydrolyzed to 2,2-dimethyl-3-hydroxy-3-phenylpropionic acid by the treatment with aqueous NaOH in THF: colorless needles; mp $141\text{--}142\text{ }^{\circ}\text{C}$ (from ethyl acetate) [lit.^{14a} $134\text{ }^{\circ}\text{C}$]; $[\alpha]_D^{25} -4.47^{\circ}$ (c 0.45, MeOH) [lit.^{14a,b} -17.5° (AcOH) and -5.2° (MeOH) for pure *R* epimer]; $^1\text{H NMR}$ ($\text{DMSO-}d_6$) δ 12.1 (br s, 1 H), 7.31–7.23 (m, 5 H), 5.50 (s, 1 H), 4.83 (s, 1 H), 1.01 (s, 3 H), 0.88 (s, 3 H); $^{13}\text{C NMR}$ ($\text{DMSO-}d_6$) δ 178.0, 142.2, 127.6, 127.4, 127.1, 76.6, 47.1, 21.6, 19.7; IR (Nujol): 3400, 1690 cm^{-1} . Anal. Calcd for $\text{C}_{11}\text{H}_{14}\text{O}_3$: C, 68.02; H, 7.26. Found: C, 67.96; H, 7.23.

(21) Smith, A. B., III; Levenberg, P. A. *Synthesis* 1981, 567.

Additions and Corrections

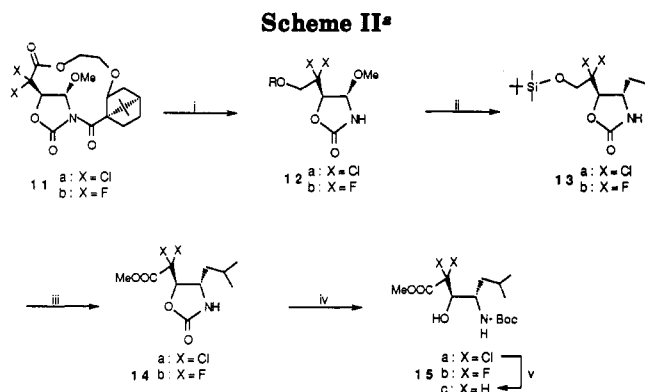
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Peter Wipf and Yuntae Kim. Stereoselective Synthesis of the Functionalized Spirocyclic Core of Aranorosin.

Page 1649, column 2, Scheme I and line 9. The addition of BnOCH_2Li to dienone **10** was performed at $-100\text{ }^{\circ}\text{C}$.

Takuya Yamamoto, Seigo Ishibuchi, Tadao Ishizuka, Mamoru Haratake, and Takehisa Kunieda. Stereoselective Intramolecular Radical Addition of Polyhaloacetyl Functions to 2-Oxazolones. A Facile Synthesis of Statine and Its 2,2-Dichloro and 2,2-Difluoro Analogues.

Page 1998, Scheme II. The following footnotes should be added to Scheme II.



* (i) (1) $\text{LiBH}_4/\text{MeOH}$, (2) $\text{TBDMSCl}/\text{imidazole}$; (ii) $i\text{-BuCuCN-MgBr}$, $\text{LiCl}/\text{BF}_3\cdot\text{OEt}_2$; (iii) (1) $n\text{-Bu}_4\text{NF}\cdot 3\text{H}_2\text{O}$, (2) $\text{CrO}_3/\text{H}_2\text{SO}_4\text{-(Me)}_2\text{CO-H}_2\text{O}$, (3) CH_2N_2 ; (iv) (1) HCl/Δ , (2) $(\text{Boc})_2\text{O}/\text{NET}_3, \text{DMAP}$, (3) CH_2N_2 ; (v) $n\text{-Bu}_3\text{SnH}/\text{AIBN}$.

Lyndon A. M. Cornelius, Richard G. A. Bone, Riley H. Hastings, Matthew A. Deardorff, Randall A. Scharlach, Brett E. Hauptmann, Charles J. Stankovic, and Harold W. Pinnick. Synthesis of 2-Acetylbicyclo[2.2.1]heptene.

Page 3188. The middle initial of Charles Stankovic should be J.