

end, the reaction of **6** with lithium di-(β -furylmethyl)cuprate¹⁰ furnished compound **7** (91% yield) whose spectral data is in total agreement with those reported.⁵ The final cyclization to culminate in a furodysin synthesis was effected following the established protocol⁴ of mercuration, trapping, and reduction.

Some Physical data: **5**: $[\alpha]_D^{25} +63.9^\circ$ ($c=0.325$ CHCl₃). δ_H (300 MHz, CDCl₃) 1.29 (3H, s), 1.4-1.65 (4H, m), 1.73 (3H, s), 1.8-1.85 (1H, m), 2.65 (1H, m), 4.73 (1H, s), 4.77 (1H, s), 5.66 (1H, d, J 11 Hz), 5.68 (1H, d, J 11 Hz). δ_C (75 MHz, CDCl₃) 20.83, 24.85, 29.37, 36.68, 43.41, 67.45, 110.57, 132.13, 133.88, 148.13.

6: mp 57-59°C. $[\alpha]_D^{25} -55^\circ$ ($c=0.369$ CHCl₃). M^+ 271.1577. ν 3375, 1685 cm⁻¹. δ_H 1.5-1.8 (3H, m), 1.62 (3H, s), 1.70 (3H, s), 2.18 (1H, m), 2.20 (1H, m), 2.68 (1H, m), 4.74 (2H, s), 5.72 (1H, dd, J 9, 2 Hz), 6.16 (1H, d, J 9 Hz), 6.43 (1H, br.), 6.98 (1H, m), 7.2-7.35 (4H, m). δ_C 20.56, 24.20, 26.13, 35.22, 43.38, 77.73, 110.74, 118.43, 122.92, 128.83, 130.61, 133.55, 138.22, 147.83, 152.70.

7: $[\alpha]_D^{25} +300^\circ$ ($c=0.092$ CHCl₃). δ_H 1.62 (3H, s), 1.76 (3H, s), 4.70 (1H, s), 4.87 (1H, s), 5.38 (1H, m), 6.23 (1H, d, J 1.5 Hz), 7.16 (1H, d, J 0.9 Hz), 7.33 (1H, dd, J 1.5, 0.9 Hz). δ_C 22.46, 22.81, 23.54, 25.93, 30.76, 36.79, 43.79, 110.13, 111.50, 123.83, 124.93, 133.88, 139.41, 142.47, 147.66.

2: $[\alpha]_D^{25} -40^\circ$ ($c=0.116$ CHCl₃). δ_H 1.25 (3H, s), 1.27 (3H, s), 1.66 (3H, s), 2.19 (1H, m), 2.56 (2H, m), 5.60 (1H, m), 6.10 (1H, d, J 2 Hz), 7.23 (1H, d, J 2 Hz). δ_C 19.51, 23.21, 23.77, 27.29, 30.73, 31.58, 31.72, 34.51, 45.59, 109.78, 112.95, 126.39, 133.11, 140.40, 156.77.

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