$75.7,58.1,55.8,55.5,55.2,53.6,38.7,38.1,36.4,34.1,30.8,29.7$, 24.3 ; HRMS $(M+H)^{+}$calcd for $\mathrm{C}_{28} \mathrm{H}_{36} \mathrm{~N}_{3} \mathrm{O}_{6} 510.2604$, found 510.2608 . Diasteromer 20b was prepared from $19 b$ exactly as described above: HPLC $t_{r}=8.62 \mathrm{~min} ;{ }^{1} \mathrm{H} \operatorname{NMR}\left(\mathrm{CD}_{3} \mathrm{OD}\right) \delta$ $8.24(\mathrm{~s}, 1 \mathrm{H}), 7.27-7.12(\mathrm{~m}, 5 \mathrm{H}), 7.07(\mathrm{~d}, J=8.1,2 \mathrm{H}), 6.74(\mathrm{~d}, J$ $=8.3,2 \mathrm{H}), 4.59(\mathrm{dd}, J=4.6,9.6,1 \mathrm{H}), 4.16(\mathrm{~m}, 1 \mathrm{H}), 4.04(\mathrm{~m}$, $1 \mathrm{H}), 3.96(\mathrm{~d}, J=5.9,1 \mathrm{H}), 3.22(\mathrm{~m}, 1 \mathrm{H}), 2.98-2.86(\mathrm{~m}, 3 \mathrm{H}), 2.35$ $(\mathrm{m}, 1 \mathrm{H}), 1.96(\mathrm{~m}, 2 \mathrm{H}), 1.74(\mathrm{~m}, 2 \mathrm{H}), 1.55(\mathrm{~m}, 3 \mathrm{H}), 1.44-1.17(\mathrm{~m}$, $3 \mathrm{H})$; ${ }^{13} \mathrm{C}$ NMR $\left(\mathrm{CD}_{3} \mathrm{OD}\right) \delta 177.3,169.4,166.6,158.2,139.2,131.6$, $130.3,129.3,127.5,126.3,116.9,75.8,58.6,58.0,55.8,55.1,53.9$, $53.6,38.8,37.9,36.6,34.1,33.2,30.0,29.2,24.0$; HRMS (M + $\mathrm{H})^{+}$calcd for $\mathrm{C}_{28} \mathrm{H}_{36} \mathrm{~N}_{3} \mathrm{O}_{6} 510.2604$, found 510.2618 .

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donors of the Petroleum Research Fund, administered by the American Chemical Society, for partial support of this research. This research was supported in part by a grant from the Amherst College Faculty Research Award Program. D.E.H. is a National Science Foundation Presidential Young Investigator (MCB-8958239) and a Camille and Henry Dreyfus Teacher-Scholar.

Supporting Information Available: ${ }^{1} \mathrm{H}-\mathrm{NMR}$ spectra for compounds $2-9,15$, and $17-20 b$ ( 15 pages). This material is contained in libraries on microfiche, immediately follows this article in the microfilm version of the journal, and can be ordered from the ACS; see any current masthead page for ordering information.
JO950216X

## Additions and Corrections

Vol. 60, 1995
Alexey V. Vorobjev,* Makhmut M. Shakirov, Victor A. Raldugin, and Clayton H. Heathcock. Conformational Analysis of the 10 - and 13 -Hydroxy Derivatives of Cembrene.

Page 64, column 1. Structures $\mathbf{1 - 1 0}$ should be replaced by the following structures:

1

2

3

4: $R^{1}=O H, R^{2}=H$


10
5: $R^{1}=H, R^{2}=O H$
7: $R^{1}=O H, R^{2}=H$
6: $R^{1}=H, R^{2}=O A c$

$$
\text { 8: } R^{1}=H, R^{2}=O H
$$

JO9540110

David P. Kelly,* Martin G. Banwell, John H. Ryan, James R. Phyland, and Jason R. Quick. ${ }^{13} \mathrm{C}-{ }^{-1} \mathrm{H}$ Coupling Constants in Carbocations. 8. Application of the $\Delta J$ Equation to Tertiary Dicyclopropylcarbinyl Cations: The Methyl Dicyclopropylcarbinyl, $\quad(1 \alpha, 3 \beta, 5 \beta, 7 \alpha)-2-M e t h y l t r i c y c l o\left[5.1 .0 .0^{3,5}\right]-$ octan-2-yl, ( $1 \alpha, 3 \alpha, 5 \alpha, 7 \alpha)$-2-Methyltricyclo[5.1.0.0 $0^{3,5}$ ]octan-2-yl, and 3 -Methyltetracyclo[3.3.1.0 $\left.{ }^{2,8} .0^{4,6}\right]$ nonan-3-yl (Triasteryl) Cations.

Page 1654. The data for compound 20 in Table 1 should read as follows: $20^{h}-11043.9(\mathrm{~d}, 179) 263.3$ (s) 43.9 (d, 179) $40.7(\mathrm{t}, 169)^{\mathrm{c}} 74.2(\mathrm{~d}, 171) 21.3(\mathrm{t}, 130) 38.0$ ( $\mathrm{q}, 130$ )
${ }^{\text {h }}$ Chemical shifts from internal $\mathrm{CD}_{2} \mathrm{Cl}_{2}$ taken as 52.8 ppm.

JO9540108
Dieter Seebach,* Robert Dahinden, Roger E. Marti, Albert K. Beck, Dietmar A. Plattner, and Florian N. M. Kuhnle. On the Ti-TADDOLate-Catalyzed Diels-Alder Addition of 3-Butenoyl-1,3-oxazolidin-2-one to Cy clopentadiene. General Features of Ti-BINOLate- and Ti-TADDOLate-Mediated Reactions.

Page 1788. The correct receipt date for this manuscript is October 19, 1994.
JO9540099

