× 100 mL), and the combined ethyl acetate layers were dried (Na_2SO_4). The solvent was removed under reduced pressure. The residue was treated with $CHCl_3$/MeOH/ether and on reevaporation furnished a solid 14, which was directly subjected to alkaline hydrolysis (5.40 g): mp 180 °C; ^1H NMR ($DCCl_3$) δ 3.25 (t, J = 6.0 Hz, 2 H), 3.70 (m, 2 H), 3.80 (s, 6 H), 4.00 (s, 3 H), 6.70 (s, 1 H), 7.20 (s, 1 H), 11.10 (s, 1 H); IR (KBr) 3212, 2945, 1659, 1237 cm^{-1}; mass spectrum CI(CH_4) m/e 277 (MH^+, 100).

The ketocarboline 14 from above was added to potassium hydroxide (9.5 g) and water (100 mL) and the mixture heated to reflux for 24 h.[5,7] The reaction mixture was filtered and the filtrate brought to pH 5 with glacial acetic acid. The mixture was then cooled to precipitate the trimethoxytryptamine-2-carboxylic acid **9** (3.40 g, 40% overall): mp 208–210 °C; ^1H NMR (DMSO-d_6–CF_3COOD) δ 3.10 (m, 2 H), 3.50 (m, 2 H), 3.80 (s, 3 H), 3.85 (s, 3 H), 4.10 (s, 3 H), 6.75 (s, 1 H), 11.40 (s, 1 H); IR (KBr) 3430, 3268–2277, 1630, 1567, 1532 cm^{-1}; mass spectrum CI(CH_4) m/e 277 (MH^+ – 18, 100). Anal. Calcd for $C_{14}H_{18}N_2O_5 \cdot 0.25H_2O$: C, 56.28; H, 6.20; N, 9.38. Found: C, 56.02; H, 6.11; N, 9.02. Additional quantities of **9** can be obtained from the mother liquor.

7,8,9-Trimethoxy-2,3,5,6,11,11b-hexahydro-3-oxo-11b-(methoxycarbonyl)-1*H*-indolizino[8,7-*b*]indole (3h). The trimethoxytryptamine-2-carboxylic acid **9** (2.90 g, 10 mmol) and dimethyl 2-ketoglutarate (**10**; 2.70 g, 15 mmol) were added to a solution of benzene/dioxane (300:150 mL). This was followed by addition of TFAA (5 mL), and the mixture was heated to reflux under a Dean-Stark trap. After 36 h, the reaction mixture was cooled and the solvents were removed under reduced pressure. The residue was taken up in ethyl acetate, washed with aqueous sodium bicarbonate solution, and dried (Na_2CO_3). The solvent was removed under reduced pressure. The oil that remained was chromatographed by flash chromatography (silica gel) using EtOAc/EtOH (8:2) as the eluent to provide **3h** (2.5 g, 66%): mp 187 °C; ^1H NMR ($DCCl_3$) δ 2.20–3.20 (m, 7 H), 3.80 (s, 3 H), 3.90 (s, 6 H), 4.00 (s, 3 H), 6.65 (s, 1 H), 8.25 (s, 1 H); IR (KBr) 3248, 2938, 1736, 1680 cm^{-1}; mass spectrum CI(CH_4) m/e 375 (MH^+). Anal. Calcd for $C_{19}H_{22}N_2O_6$: C, 60.96; H, 5.88; N, 7.49. Found: C, 60.82; H, 5.88; N, 7.14.

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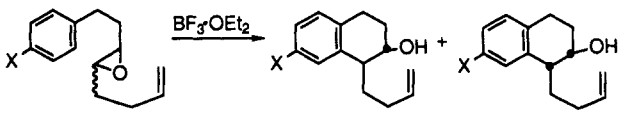
Registry No. **2a**, 123-76-2; **2b**, 2051-95-8; **3a**, 727-45-7; **3b**, 741-25-3; **3c**, 734-15-6; **3d**, 744-79-6; **3e**, 960-07-6; **3f**, 902-77-2; **3g**, 135663-91-1; **3h**, 135663-92-2; **6a**, 5956-86-5; **6b**, 52648-13-2; **6c**, 103795-47-7; **6d**, 96735-00-1; **9**, 92293-88-4; **10**, 13192-04-6; **12**, 41888-21-5; **13**, 5376-33-0; **14**, 5565-75-3; 3,4,5-trimethoxyaniline, 24313-88-0; 3-carbethoxy-2-piperidone, 3731-16-6.

Additions and Corrections

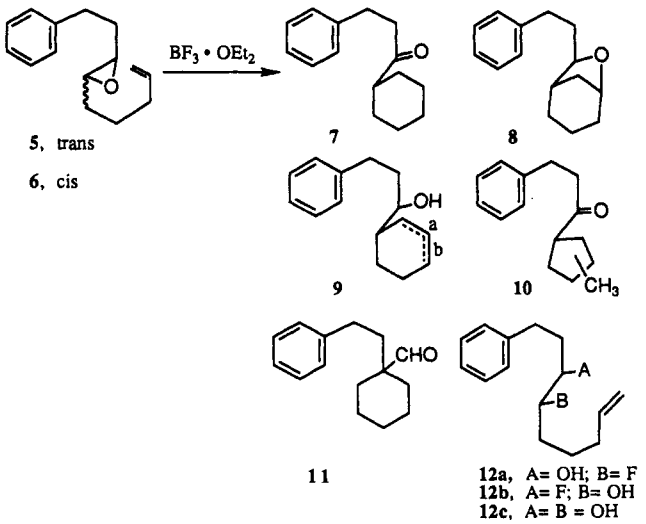
Vol. 55, 1990

Stephen K. Taylor,* David S. Bischoff, Curtis L. Blankespoor, Paul A. Deck, Suzanne M. Harvey, Patricia L. Johnson, Ariane E. Marolewski, Steven W. Mork, Douglas H. Morty, and Ronald Van Eenenaam. Competitive Intramolecular Cyclizations of Epoxides to Aromatic and Double Bond Positions.

Page 4202, Table I, compounds 1 and 2, and Scheme I, compounds 5 and 6, had extra bonds incorrectly drawn from the epoxide positions to the aromatic rings. The corrected figures are as shown



Scheme I



Vol. 56, 1991

Daniel E. Schaufelberger,* Gwendolyn N. Chmurny, John A. Beutler, Mary P. Koleck, A. Belinda Alvarado, Brigitte W. Schaufelberger, and Gary M. Muschik. Revised Structure of Bryostatin 3 and Isolation of the Bryostatin 3 26-Ketone from *Bugula neritina*.

Page 2895. The affiliation of John A. Beutler was listed erroneously with the Laboratory of Drug Discovery Research & Development DTP, NCI due to author error. The correct affilitation should have been listed as PRI/DynCorp. Dr. Beutler is currently affiliated with the LDDRD.

Paul A. Keifer, Robert E. Schwartz, Moustapha E. S. Koker, Robert G. Hughes, Jr., Dan Rittschof, and Kenneth L. Rinehart*. Bioactive Bromopyrrole Metabolites from the Caribbean Sponge *Agelas conifera*.

Page 2974, column 2, line 15, should read "...washed and filtered with acetone...".