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Nota di contenuto	THE TOTAL SYNTHESIS OF NATURAL PRODUCTS; CONTENTS; Acknowledgments; Introduction; Reagent Glossary; III. BICYCLIC SESQUITERPENES; A. Eudesmanes; 1. B-Eudesmol, a-Eudesmol, Intermediol, Neointermediol, Amiteol, Cycloeudesmol, Maaliol, a-Selinene, B-Selinene, Y-Selinene, Selinadiene, AE I , Vetiselinene; 2. B-Dictyopterol, Selin-4(15)-ene-1B,11-diol, Balanitol, Occidentalol, Isochamaecynone, Chamaecynone, Emmotin-G, Occidol; 3. Amitermes Defensive Substance, Isocelorbicol; 4. a-Cyperone, B-Cyperone, Carissone 5. Eudesma-4(14),7(11)-diene-8-one, Arctiol, B-Costol, B-Costal, Isocostic Acid, 3-Oxoisocostic Acid, 1- Oxocostic Acid6. a-Costal, 7-Hydroxycostol, 7-Hydroxycostal; 7. 3-Oxoeudesmatrienoic Acid, 12,15-Dioxaselina-4,11- diene; 8. Junenol, Acolamone; 9. Atractylon, Lindestrene, Tubipofuran; 10. Glutinosone; 11. Dehydroasterolide, Dihydrocallitrisin, Isoalantolactone, Septuplinolide, Ivalin, Oxodiplophyllin, Yomogin; 12. Frullanolide, Tuberiferin, Deoxybrachylaenolide, Gazanolide, Arbusculin D, 3-Oxo-11-hydroxy-

eudesmadienolide, Magnolialide, Maritimin, Dihydrosantamarine, asantonin

B. Cadinanes 1. Calamenene, Hydroxycalamenenes, Methoxycalamenenes; 2. Mansonones, Perezinone; 3. 7,8-Dihydroxy-11,12-dehydrocalamenene, Heritol; 4. Lacinilene C; 5. α -Cadinene, γ -Cadinene, ϵ -Cadinene, ϵ -Muurolene, B-Cadinene, G-Cadinene; 6. Zonarene, Dihydropernetic Acid B, Veticadinol, Torreyol, Isocalamenediol, Cubenol, Epicubenol; 7. 1,4-Epoxy-cadinane, Verbocidentafuran, Hibiscone, Arteannuin B; 8. Halipanicine, Sclerosporin, Sclerosporal, Khusilal; C. Drimanes; 1. Bicyclofarnesic Acid, Drimenol, Albicanyl Acetate, Albicanol, Farnesiferol A 2. Euryfuran, Valdiviolide, Confertifolin, Isodrimenin, Cinnamolide, Polygodial, Drimenin 3. Fragrolide, Cinnamodial, Warburganal, Isotadeonal, Muzigidial, Colorata-4(13),8-dienolide, 3B-Acetoxydrimenin, Pereniporin A, Pereniporin B; 4. Driman-8,11-diol, Drim-9(11)-en-8-ol, 7-Oxo-11-nordrimen-8-en-12-oic Acid, 1,1,5,6-Tetramethyltetralin; D. Eremophilanes; 1. Nootkatone, Valencene, Isovalencenic Acid, Isovalencenol, Eremoligenol, Eremophilene, Valerianol, Eremophilone, Dehydrofukinone, Aristolone, Isopetasol, Petasol, Petasitolone; 2. Phomenone, Eremofortin B, Sporogen-AO 1 3. Ligularenolide, Ligularone, Petasalbina, Eremophilanolide, Furanoeremophilone, Furanoeremophilan-14,6 α -olide E. Miscellaneous Hydronaphthalenes; 1. Acetyldehydrorishitinol, Cinalbicol, 4-Methoxyisocadalene, 4-Hydroxyisocadalene, 1-Hydroxyisocadal-4-one, 2-Methoxy-7-norcalamenene, Maturone, Platyphyllide; 2. Ambrox, Pallescensin A; 3. Furodysin, Furodysinin; 4. Lemnal-Sa-en-2-One, Kanshone A, Nardosinone; 5. Valerane, Valeranone, Cryptofauronol, Fauronyl Acetate; 6. Isoacanthodoral, Nanaioamol; 7. Thujopsene; F. Fused Ring Compounds: 6,3; 1. Sirenin, Sesquicarene, Isosesquicarene

G. Fused Ring Compounds: 6,5

Sommario/riassunto

The past two decades have seen an explosion in research on the synthesis of sesquiterpenes, an important class of hydrocarbons commonly found in oils, resins, and balsams. Volume Eleven in The Total Synthesis of Natural Products series continues to review this dynamic area of chemistry. It features systematic, A-to-Z coverage of sesquiterpenes synthesized between 1979-1994—a sesquidecade. Focusing on bicyclic and tricyclic compounds in sesquiterpene synthesis, this authoritative work complements Volume Ten's coverage of acyclic and monocyclic sesquiterpenes. The authors comb through the