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**Sesquiterpene Lactones Isolated from Plants of the Venezuelan Andes.** G. Díaz de Delgado,<sup>a</sup> J. Bruno C.,<sup>a</sup> V. Cote,<sup>a</sup> J.M. Amaro-Luis,<sup>b</sup> J.M. Delgado<sup>a</sup>, <sup>a</sup>Laboratorio de Cristalografía-LNDRX, <sup>b</sup>Laboratorio de Productos Naturales, Dept. de Química, Facultad de Ciencias, Univ. de Los Andes, Mérida, Venezuela, 5101.

The structures of several sesquiterpene lactones isolated from plants of the Venezuelan Andes will be discussed in this contribution. In particular, Dicorin diacetate, 4*S*,9*β*-diacetoxy-6*α*H,7*α*H,10*α*H-xanth-1,11(13)-dien-6,12-olide, C<sub>19</sub>H<sub>28</sub>O<sub>6</sub>, crystallizes in the orthorhombic system, space group P2<sub>1</sub>2<sub>1</sub>2<sub>1</sub> and unit cell parameters  $a = 7.3862(6)$ ,  $b = 14.7818(14)$ ,  $c = 17.6465(17)$  Å;  $V = 1926.7(3)$  Å<sup>3</sup>. Two C–H...O hydrogen bonds are observed for C3–H4...O6 [2.27 Å, 105°] and C13–H16...O4 [2.32 Å, 104°]. The C18, H25 and O4 atoms participate in an intermolecular hydrogen bond with H...Acceptor distance of 2.57 Å and a C18–H25...O4 angle of 146° to produce helical chains along the *b* axis. Burrodine, 2*β*-Hidroxi-4-Oxi-1*α*H,5*β*Me,7*α*H,8*α*H,10*α*H,10*α*H-11(13)-en-pseudoguain-7(12)-olide, crystallizes in the monoclinic system, space group P2<sub>1</sub> and unit cell parameters  $a = 7.3393(16)$ ;  $b = 7.7573(16)$ ;  $c = 11.927(3)$  Å,  $\beta = 90.339(6)^\circ$ ;  $V = 679.03$  Å<sup>3</sup>,  $Z = 4$ . The final discrepancy factors for the refinement were:  $R_1 = 0.0490$ ,  $wR_2 = 0.1095$ ,  $S = 1.005$ .

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