

Synthesis of New Dilactone from Stizolicin

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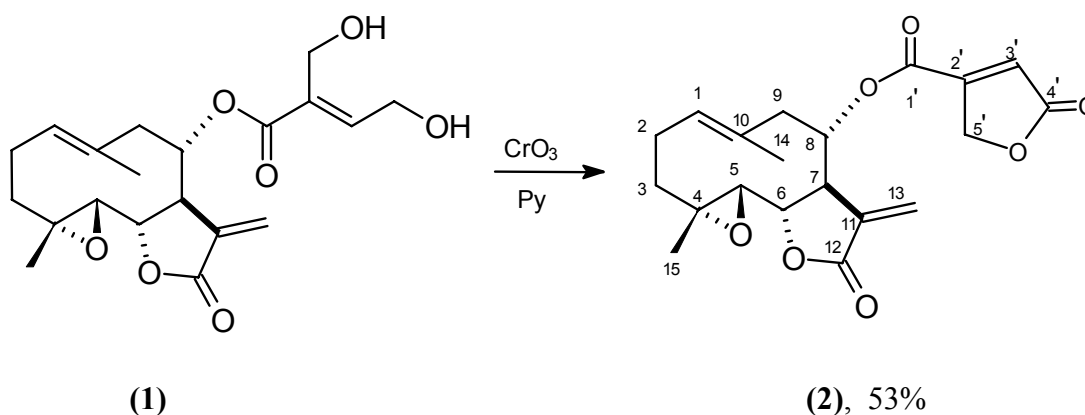
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The sesquiterpene lactone, stizolicin (**1**) is known component of *Stizolophus balsamita* (Lam.) Cass. ex Takht. [1, 2]. Its oxidation by CrO₃/Py leads to easily isolable new crystalline derivative (**2**). The composition of derivative (**2**) corresponds to formulae C₂₀H₂₂O₇, m.p. 180 - 182 °C, yield - 53%. The structure of (**2**) is proved by IR-, UV-, mass-, 2d-NMR (¹H-¹H COSY- and ¹H-¹³C COLOC) data.



Refs.

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2. J.M. Cassady, M.F.Bean, J.L. McLaughlin and Y. Aynechi, *Experientia*, **40**, 930 (1984).