

7215 (Miscellaneous)

Name: Chilenone A

{2,5'-Dimethyl-2',3'-dihydro-[2,2']bifuranyl-3,4'-dione}

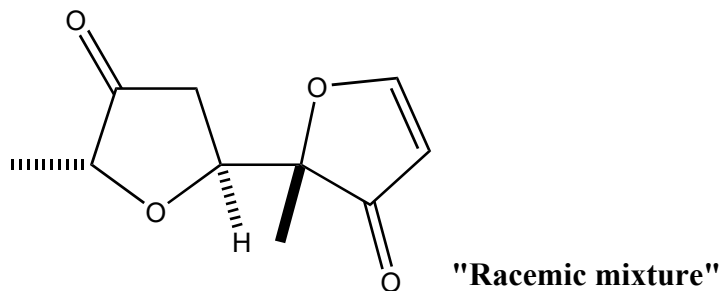
Origin: *Laurencia chilensis* (Horcones Bay, Chile)⁽¹⁾;

Formula: C₁₀H₁₂O₄

Mol. Wt.: 196.20

Opt. Rot.:

Mp.: 51



References and Notes

(1) San Martin, A., Rovirosa, J., Muñoz, O., Chen, M. H. M., Guneratne, R. D., and Clardy, J. 1983. *Tetrahedron Lett.*, **24**, 4063-4066. The isolation and structure determination of chilenone A, a putative dimer of 2-methyl-3(2*H*)-furanone from the marine alga *Laurencia chilensis*.

(X-ray crystallographic analysis) (¹H-NMR, ¹³C-NMR)