

7220 (Miscellaneous)

Name: Loliolide {6-Hydroxy-4,4,7a-trimethyl-5,6,7,7a-tetrahydro-4H-benzofuran-2-one}

Origin: *Laurencia tristicha* (Pingyu Island of the South China Sea, China)⁽¹⁾;

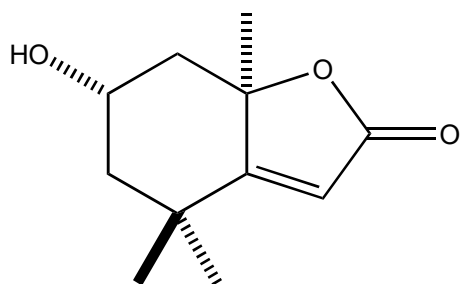
Undaria pinnatifida (Miura Peninsula, Kanagawa Prefecture, Japan)⁽²⁾;

Formula: C₁₁H₁₆O₃

Mol. Wt.: 196.24

Opt. Rot.:

Mp.:



References and Notes

(1) Zhang, J., Shi, L.-Y., Ding, L.-P., Liang, H., Tu, P.-F., and Zhang, Q.-Y. 2021. Nat. Prod. Res., **35**, 5048-5054. Antioxidant terpenoids the red alga *Laurencia tristicha*.

(together with 10-hydroxyepiaplysinol, epiaplysinol, *ar*-bisabol-9-en-7,11-diol, [loliolide](#))

(2) Kimura, J. and Maki, N. 2002. J. Nat. Prod., **65**, 57-58. New loliolide derivatives from the brown alga *Undaria pinnatifida*. (¹H-NMR)