1738 (Sesquiterpene)

Name: Luzonenone {1-Bromo-3-(5-bromo-4,4,7a-trimethyl-hexahydro-benzofuran-2-ylidene)-butan-2-one}

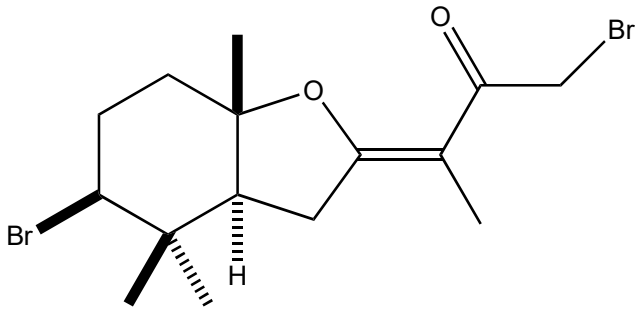
Origin: *Laurencia snackeyi* (as *L. luzonensis*[2]) (Kudaka Island, Nanjo, Okinawa Pref., Japan)[1];

Formula: $C_{15}H_{22}Br_2O_2$

Mol. Wt.: 394.14

Opt. Rot.: $[\alpha]_D^{27}$ -67.2 ($CHCl_3$)

Mp.: Oil



References and Notes

(1) Kuniyoshi, M., Wahome, P. G., Miono, T., Hashimoto, T., Yokoyama, M., Shrestha, K. L., and Higa, T. 2005. J. Nat. Prod., **68**, 1314-1317. Terpenoids from *Laurencia luzonensis*. (**IR, ^{1}H-NMR, ^{13}C-NMR, MS**) (together with luzodiol (diterpene), luzonenone, luzofuran, 15-hydroxypalisadin A, 3,4-epoxypalisadin B, 1,2-dehydro-3,4-epoxypalisadin B)

(2) Ishii, T., Hisada, W., Abe, T., Kikuchi, N., and Suzuki, M. 2020. Rec. Nat. Prod., **14**, 150-153. (published online: 26 August 2019). A new record of the marine red alga *Laurencia snackeyi* from Japan and its chemotaxonomic significance.