

## 1299-26 (Sesquiterpene)

Name: Tristichon D

{8-Bromo-9-methoxy-1,5,5,9-tetramethyl-  
spiro[5.5]undec-1-en-3-one}

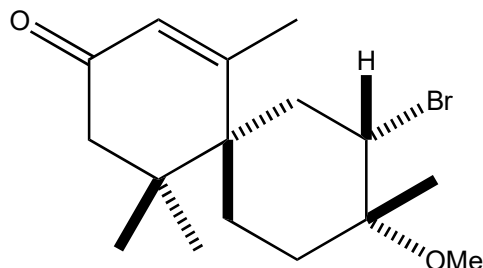
Origin: *Laurencia tristicha* (the coast of Hsiao Liuchiu Island, Taiwan)<sup>(1)</sup>;

Formula: C<sub>16</sub>H<sub>25</sub>BrO<sub>2</sub>

Mol. Wt.: 329.27

Opt. Rot.: [α]<sub>D</sub><sup>25</sup> +56 (CHCl<sub>3</sub>)

Mp: Oil



### References and Notes

(1) Chen, J.-Y., Huang, C.-Y., Lin, Y.-S., Hwang, T.-L., Wang, W.-L., Chiou, S.-F., and Sheu, J.-H. 2016. *J. Nat. Prod.*, **79**, 2315-2323. Halogenated sesquiterpenoids from *Laurencia tristicha* collected in Taiwan. (IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR) (together with 8 new chamigranes; tristichones A-C, [tristichon D](#), tristichols A-D, 4α-hydroxybromocuparene, known 9 related compds; ma'ilione, ma'iliohydrin, isorigidol, allo-isoobtusol, majusculone, (3(15)*Z*)-10,15-dibromochamigra-1,3(15),7(14)-trien-9-ol, (3(15)*E*)-10,15-dibromochamigra-1,3(15),7(14)-trien-9-ol, (3(15)*Z*)-15-bromochamigra-1,3(15),7-trien-9-one, (3(15)*E*)-15-bromochamigra-1,3(15),7-trien-9-one)