

4478 (C15 acetogenin)

Name: Dolicolol A

{Acetic acid 1-(4,5,7-trihydroxy-8-pent-2-en-4-ynyl-oxocan-2-yl)-propyl ester}

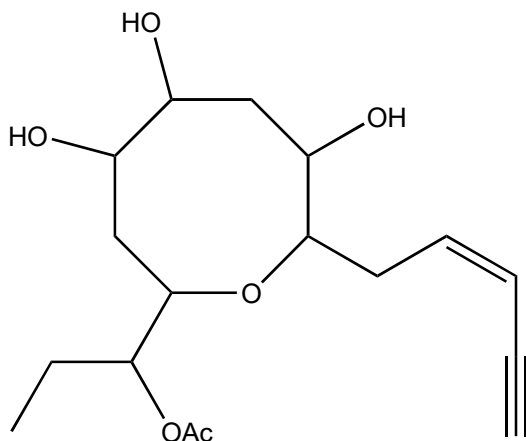
Origin: *Dolabella auricularia* (Mie Prefecture, Japan)<sup>(1)</sup>;

Formula: C<sub>17</sub>H<sub>26</sub>O<sub>6</sub>

Mol. Wt.: 326.38

Opt. Rot.: [α]<sub>D</sub><sup>26</sup> +37 (CHCl<sub>3</sub>)

Mp.: Oil



**References and Notes**

(1) **From the sea hare**; Ojika, M., Nemoto, T., and Yamada, K. 1993. *Tetrahedron Lett.*, **34**, 3461-3462. Dolicolols A and B, the non-halogenated C<sub>15</sub> acetogenins with cyclic ether from the sea hare *Dolabella auricularia*. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR) (together with [dolicolol A](#), dolicolol B)