

## 4103 (C15 acetogenin)

Name: Neolaurencenyne

{Pentadeca-3,6,9-trien-1-yne}

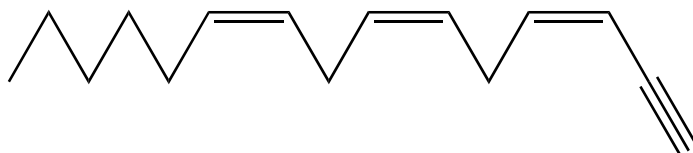
Origin: *Laurencia okamurae* (as *L. okamurai*) (the coast of Goza, Mie, Japan)<sup>(1)</sup>;

Formula: C<sub>15</sub>H<sub>22</sub>

Mol. Wt.: 202.34

Opt. Rot.:

Mp.: Liquid



### References and Notes

(1) Kigoshi, H., Shizuri, Y., Niwa, H., and Yamada, K. 1981. *Tetrahedron Lett.*, **22**, 4729-4732.

Laurencenyne, a plausible precursor of various nonterpenoid C<sub>15</sub>-compounds, and neolaurencenyne from the red alga *Laurencia okamurai*. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR)

(2) Kigoshi, H., Shizuri, Y., Niwa, H., and Yamada, K. 1986. *Tetrahedron*, **42**, 3781-3787. Four new C<sub>15</sub> acetylenic polyenes of biogenetic significance from the red alga *Laurencia okamurai*: structures and synthesis. (UV, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS)