

4120# (C15 acetogenin)

Name: (3Z,9Z)-7-Chloro-6-hydroxy-12-oxo-pentadeca-3,9-dien-1-yne

{9-Chloro-10-hydroxy-pentadeca-6,12-dien-14-yn-4-one}

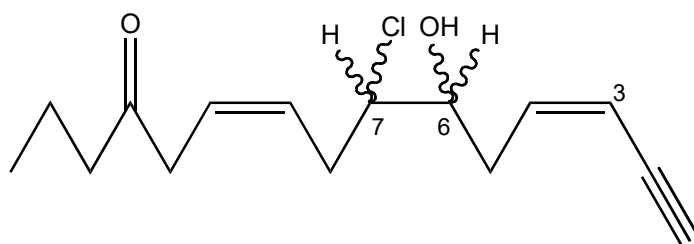
Origin: *Aplysia fasciata* (Alfacs Bay, Delta de l'Ebre, Tarragona, Catalonia, Spain)⁽¹⁾;

Formula: C₁₅H₂₃ClO₂

Mol. Wt.: 268.78

Opt. Rot.: [α]_D²⁰ -9.5 (CHCl₃)

Mp.: Oil



References and Notes

(1) **From the sea hare**; Ioannou, E., Nappo, M., Avila C., Vagias, C., and Roussis, V. 2009. J. Nat. Prod., **72**, 1716-1719. Metabolites from the sea hare *Aplysia fasciata*.

(UV, IR, ¹H-NMR, ¹³C-NMR, MS) (together with 6-hydroxy-1-brasilene, epibrasilenol acetate, epibrasilenol, brasilenol, brasilenol acetate, 4-hydroxy-5-brasilene, 4-acetoxy-5-brasilene, 6-*epi*-β-snyderol, 16-acetoxy-15-bromo-7-hydroxy-9(11)-parguerene, 15-bromo-2,16-diacetoxy-7-hydroxy-9(11)-parguerene, luzodiol, (3Z,9Z)-7-chloro-6-hydroxy-12-oxo-pentadeca-3,9-dien-1-yne, (3Z,9Z,12Z)-6-acetoxy-7-chloro-pentadeca-3,9,12-trien-1-yne, (3Z)-venustinene, (3Z)-13-*epi*-pinnatifidenyne, (3E)-laurenynne)