

**4726# (C15 acetogenin)**

Name: 2,9-Dioxabicyclo[6.3.0]undecane bromoallene IV

{7,9-Dibromo-2-(3-bromo-propa-1,2-dienyl)-5-(1-bromo-propyl)-  
octahydro-furo[3,2-*b*]oxocin-8-ol}

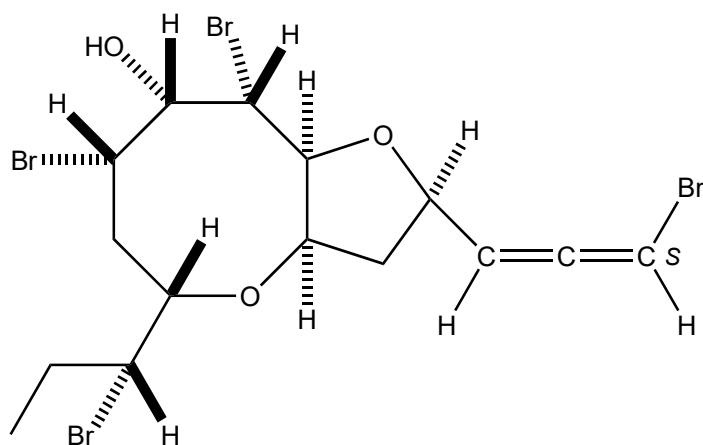
Origin: *Mycale rotalis* (Stagnone di Marsala lagoon, Sicily, Italy)<sup>(1)</sup>;

Formula: C<sub>15</sub>H<sub>20</sub>Br<sub>4</sub>O<sub>3</sub>

Mol. Wt.: 567.93

Opt. Rot.: [α]<sub>D</sub><sup>20</sup> +38.8 (CHCl<sub>3</sub>)

Mp.: 128-130 (from CHCl<sub>3</sub>)



**References and Notes**

(1) **From the sponge**; Notaro, G., Piccialli, V., Sica, D., Mayol, L., and Giordano, F. 1992. *J. Nat. Prod.*, **55**, 626-632. A further C<sub>15</sub> nonterpenoid polybromoether from the encrusting sponge *Mycale rotalis*. (X-ray crystallographic analysis). (IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, MS)