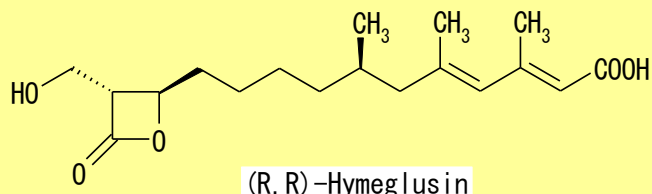


(R,R)-Hymeglusin (1233A, F-244)

Cat.#BLK0450

### Structure



**Origin:** *Scopulariopsis* sp. F-244

**CAS Registry Number:** 29066-42-0

**CA Index Name:**

**Appearance:** white to off-white solid

**Molecular Formula & Weight:** C<sub>18</sub>H<sub>28</sub>O<sub>5</sub>=324.42

**Melting Point:** 68-71°C | **Purity:** >95% by HPLC

**Solubility** Sol. in MeOH, EtOAc, Chloroform, DMSO  
: Inso. in water, Hexane.

**pKa:** | **log P:** 2.59

### Background Information:

Specific inhibitors of mevalonate biosynthesis were screened with an intact mammalian cell assay (Vero cells). Hymeglusin(1233A, F-244 or L-659,699) was isolated from the culture broth of the fungal strain F-244 and found to be an inhibitor of Vero cell growth in MEM medium containing 2% calf serum, but not in the above medium supplemented with 1mM Mevalonate. The absolute configuration was determined by Chiang et al. The total synthesis of Hymeglusin has been reported by several groups. The first total synthesis was reported by Mori et al.

**Storage:** -20°C

### References:

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Manufactured with Cortesy strain from The Kitasato Institute.

(ID#: F-244)