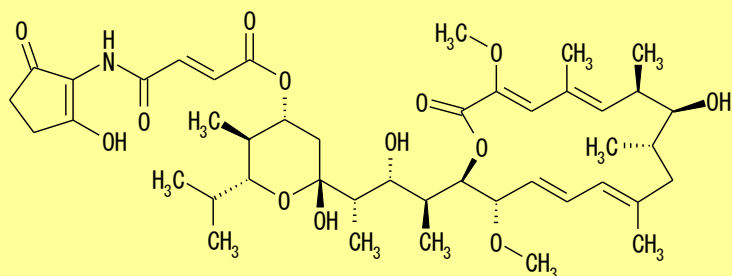


## Bafilomycin B1 [Setamycin ]

Cat.# BLK0580

## Structure



Setamycin

**Origin:** from *Kitasatospora Setae* KM-6054**CAS Registry Number:** 88899-56-3**Appearance:** yellow powder**Molecular Formula/ Weight:** C<sub>44</sub>H<sub>65</sub>NO<sub>13</sub>=815.45**Purity:** >95.0% by HPLC**Solubility:** Sol. in MeOH, EtOH, Benzene  
Insol. in water, Hexane**Background Information:**

Setamycin was isolated from the culture broth of the *actinomycete* strain KM-6054 and recognized to possess antimicrobial and nematocidal activity. Later, Bafilomycin, a Golgi protein transfer inhibitor was found, and Bafilomycin B1 was identified as being identical in structure to Setamycin. The taxonomic study of the producing strain led us to establish a new genus of *Kitasatospora setae*.

**Handling and Storage:**

Store at -20°C.

**References:**

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5. S. Ōmura et al., J. Antibiotic., **35**, 1013 (1982).
6. Y. Takahashi et al., Zent. bl. Bacteriol. **289**, 263 (1999).
7. G. Michael et al., J. Antibiotic., **50**, 1073 (1997).
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Manufactured with Cortesy strain from The Kitasato Institute.

(ID#: KM-6054-01)