Product Information

Bafilomycin B1

Product ID: B0026
CAS No.: 88899-56-3

Chemical Name: Hygrolidin,37-decarboxy-2-demethyl-37-(((2-hydroxy-5-oxo-1-cyclopenten-1-yl)amino)carbonyl)-2-methoxy-24-methyl-

Synonym: Setamycin

Formula: C_{44}H_{65}NO_{13}
Formula Wt.: 815.99
Melting Point: 89-96°C (dec)
Purity: ≥97%
Solubility: Soluble in methanol.

Store Temp: -20°C
Ship Temp: Ambient

Description: Bafilomycin B1 is a macrolide antibiotic that also exhibits antifungal activity. Bafilomycin B1 inhibits the vacuolar H+ ATPase. Additionally, bafilomycin B1 inhibits Foxo1 and increases β cell apoptosis, accelerating the onset of diabetes.

References:


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.