

Product Name:	Bafilomycin B1
Product Number:	B039
CAS Number:	88899-56-3
Molecular Formula:	$C_{44}H_{65}NO_{13}$
Molecular Weight:	816.0
Appearance:	White powder
Storage Conditions:	-20°C
Description:	<p>Bafilomycin B1 is a member of a potent family of macrocyclic lactones. Bafilomycin B1 is broadly active against bacteria, fungi, insects, nematodes and protozoans. Bafilomycin B1 has attracted interest as a potential agent for treating osteoporosis.</p> <p>Bafilomycin B1 is soluble in ethanol, methanol, DMF and DMSO.</p>
Mechanism of Action:	Bafilomycin A1 is an inhibitor of vacuolar-type ATPase.
References:	<p>Bafilolides, Potent Inhibitors of the Motility and Development of the Free-Living Stages of Parasitic Nematodes. Lacey E. et al. Int. J. Parasitol. 1995, 25, 349.</p> <p>Structure and function of V-ATPases in osteoclasts: potential therapeutic targets for the treatment of osteolysis. Xu J. et al. Histol. Histopathol. 2007, 22, 443.</p>