

Product Name:	Bafilomycin D
Product Number:	B043
CAS Number:	98813-13-9
Molecular Formula:	$C_{35}H_{56}O_8$
Molecular Weight:	604.8
Appearance:	White powder
Storage Conditions:	-20°C
Description:	<p>Bafilomycin D is a member of a potent family of macrocyclic lactones. Bafilomycin D contains the ring-opened side chain and is a much more stable analogue of bafilomycin A1. Limited availability has restricted a more in depth investigation of this metabolite.</p> <p>Bafilomycin D is soluble in ethanol, methanol, DMF and DMSO.</p>
Mechanism of Action:	Bafilomycin D is an inhibitor of vacuolar-type ATPase.
References:	<p>The structure of novel insecticidal macrolides: bafilomycin D and E, and oxhygrolidin. Kretschmer A. et al. , Agric. Biol. Chem. 1985, 49, 2509</p> <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>