

<b>Product Name:</b>	Nemadectin
<b>Product Number:</b>	N035
<b>CAS Number:</b>	102130-84-7
<b>Molecular Formula:</b>	$C_{36}H_{52}O_8$
<b>Molecular Weight:</b>	612.8
<b>Appearance:</b>	White solid
<b>Description:</b>	<p>Nemadectin is the dominant member of a class of milbemycins bearing unsaturated longer chain groups at the 25-position. Nemadectin shows pronounced nematocidal and insecticidal activity. Nemadectin is the starting material for moxidectin, a commercial anthelmintic.</p> <p>Nemadectin is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</p>
<b>References:</b>	<p>LL-F28249 antibiotic complex: a new family of antiparasitic macrocyclic lactones. Isolation, characterization and structures of LL-F28249 alpha, beta, gamma, lambda. Carter G.T. et al. J Antibiot. 1988, 41, 519.</p> <p>Efficacy of nemadectin, a new broad-spectrum endectocide, against natural infections of canine gastrointestinal helminths. Doscher M.E. et al. Vet Parasitol. 1989, 34, 255.</p>