

<b>Product Name:</b>	Anguinomycin A
<b>Product Number:</b>	A122
<b>CAS Number:</b>	111278-01-4
<b>Molecular Formula:</b>	$C_{31}H_{44}O_6$
<b>Molecular Weight:</b>	512.7
<b>Appearance:</b>	Pale yellow film
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Anguinomycin A, isolated from a <i>Streptomyces</i> sp., displays nanomolar cytotoxicity to murine P388 leukemia cells. In addition, it shows antitumor activity in vivo against murine Lewis lung carcinoma and P388 leukemia. Anguinomycin A is an analogue of leptomycin B, an inhibitor of nuclear export of proteins.</p> <p>Anguinomycin A is soluble in ethanol and methanol (ethanol recommended). Unstable in DMSO.</p>
<b>References:</b>	<p>Anguinomycins C and D, new antitumor antibiotics with selective cytotoxicity against transformed cells. Hayakawa Y., et al., J. Antibiot., 1995, 48, 954.</p> <p>New antitumor antibiotics, anguinomycins A and B. Hayakawa Y., et al., J. Antibiot., 1987, 40, 1349.</p>