

Product Name:	TPU-0037A
Product Number:	T096
CAS Number:	485815-59-6
Molecular Formula:	$C_{46}H_{72}N_4O_{10}$
Molecular Weight:	841.0
Appearance:	Colourless film
Storage Conditions:	-20°C
Description:	<p>TPU-0037A (30-Demethyllydicamycin), a close structural analogue of lydicamycin, has been shown to be highly active against MRSA. TPU-0037A is also closely related to BN 4515N which was isolated from a strain of Microtetraspora as a neuritogenic agent.</p> <p>TPU-0037A is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>TPU-0037-A, B, C and D, novel lydicamycin congeners with anti-MRSA activity from Streptomyces platensis TP-A0598. Furumai T. et al. , J. Antibiot. 2002, 55, 873.</p> <p>A new neuritogenic compound BU-4514N produced by Microtetraspora sp.. Toda S. et al. , J Antibiot. 1993, 46, 875.</p> <p>Lydicamycin, a new antibiotic of a novel skeletal type. II. Physico-chemical properties and structure elucidation. Hayakawa Y. et al. , J Antibiot. 1991, 44, 288.</p> <p>Lydicamycin, a new antibiotic of a novel skeletal type. I. Taxonomy, fermentation, isolation and biological activity. Hayakawa Y. et al. , J Antibiot. 1991, 44, 282.</p>