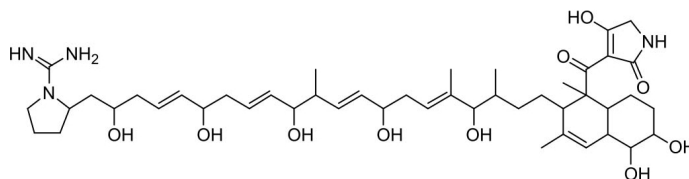


TPU-0037A

Pack sizes.: 0.5mg, 2.5mg



Synonyms:
30-Demethyllydicamycin

Specifications

CAS #	: 485815-59-6
Molecular Formula	: C46H72N4O10
Molecular Weight	: 841.1
Source	: -
Appearance	: Colourless film
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

TPU-0037A, 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.

References

1. 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.
2. A new neuritogenic compound BU-4514N produced by *Microtetraspora* sp. Toda S. et al., *J Antibiot.* 1993, 46, 875.
3. 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.