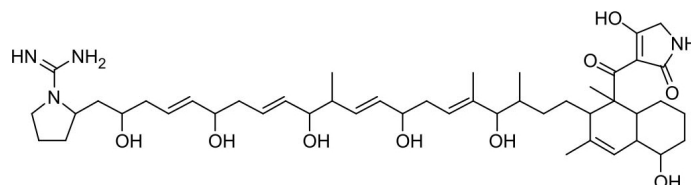


TPU-0037C

Code No.: BIA-T1049

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

8-Dehydroxy-30-demethyllydicamycin

## Specifications

CAS #	: <b>485815-61-0</b>
Molecular Formula	: <b>C46H72N4O9</b>
Molecular Weight	: <b>825.1</b>
Source	: -
Appearance	: <b>Colourless film</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</b>

## Application Notes

TPU-0037C, a close structural analogue of lydicamycin, has been shown to be highly active against MRSA. TPU-0037C 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.