

Product Name: TPU-0037C

Product Number: T097

CAS Number: 485815-61-0

Molecular Formula: $C_{46}H_{72}N_4O_9$

Molecular Weight: 825.1

Appearance: Colourless film

Storage Conditions: -20°C

Description: TPU-0037C (8-Dehydroxy-30-demethyllydicamycin), 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.

TPU-0037C is soluble in ethanol, methanol, DMF and DMSO.

References: 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.

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

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.

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.