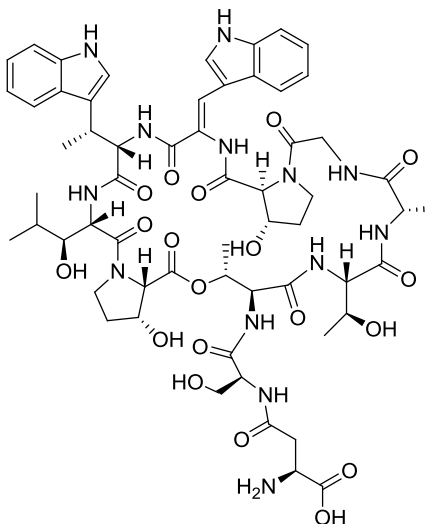


## Telomycin

Code No.: **BIA-T1179**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : A 128-HYP, A 128-OP

## Specifications

CAS #	: <b>19246-24-3</b>
Molecular Formula	: <b>C<sub>59</sub>H<sub>77</sub>N<sub>13</sub>O<sub>16</sub></b>
Molecular Weight	: <b>1272.3</b>
Source	: <b><i>Streptomyces</i> sp.</b>
Appearance	: <b>Light tan solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility.</b>

## Application Notes

Telomycin is a complex, high molecular weight depsipeptide discovered in 1958. The structure was not solved until 1968. Telomycin possesses potent and highly selective activity against Gram positive bacteria in vitro and in vivo when given by intramuscular administration. Telomycin is poorly absorbed after oral administration. Despite its structural novelty, telomycin has received little attention.

## References

1. Telomycin, a new antibiotic. Misiek M. et al. , In: Antibiotics Annual 1957-1958, New York, Medical Encyclopedia, Inc. 1958, 852.
2. Microbiological studies on telomycin. Gourevitch A. et al. , In: Antibiotics Annual 1957-1958, New York, Medical Encyclopedia, Inc. 1958, 856.
3. Pharmacological studies with telomycin. Tisch D. E. et al., In: Antibiotics Annual 1957-1958, New York, Medical Encyclopedia, Inc. 1958, 863.

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