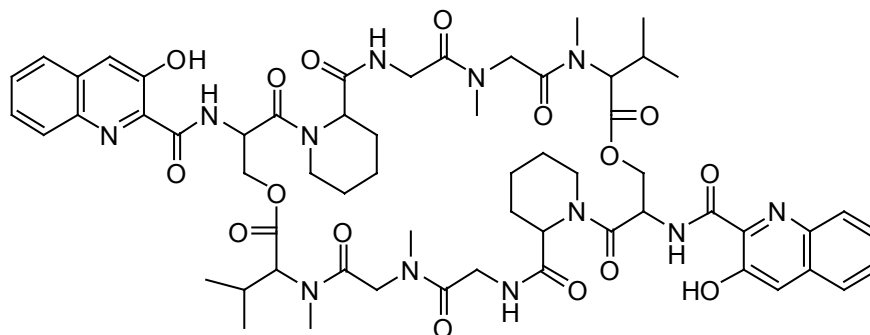


Sandramycin

Code: **BIA-S1211**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 100940-65-6
Molecular Formula	: C₆₀H₇₆N₁₂O₁₆
Molecular Weight	: 1221.3
Source	: <i>Kribbella</i> sp. MST-AS5567
Appearance	: White solid
Purity	: > 95%
Long Term Storage	: - 20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility

Application Notes

Sandramycin is a high molecular weight, symmetric, cyclic depsipeptide belonging to the quinomycin class produced by *Kribbella* sp.. Sandramycin has potent antitumor and antibacterial activity and is thought to act by bis-intercalation of DNA.

References

1. Sandramycin, a novel antitumor antibiotic produced by a *Nocadioides* sp.. Production, isolation, characterisation and biological properties. Matson J.A. & Bush J.A., J. Antibiot. 1989, 42, 1763.
2. Sandramycin, a novel antitumor antibiotic produced by a *Nocadioides* sp. II Structure determination. Matson J.A. et al., J. Antibiot. 1993, 46, 162.