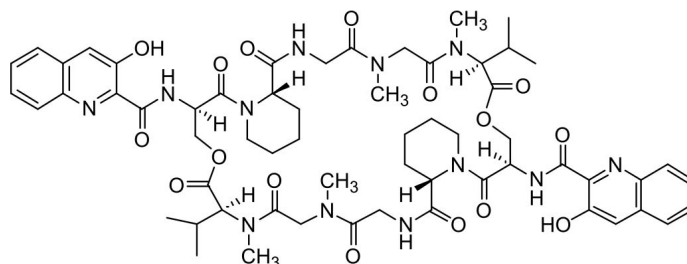


Sandramycin

Code No.: BIA-S1211

Pack sizes.: 1mg, 5mg



Synonyms:

-

Specifications

CAS #	: 100940-65-6
Molecular Formula	: C₆₀H₇₆N₁₂O₁₆
Molecular Weight	: 1221.3
Source	: -
Appearance	: White solid
Purity	: >95% by HPLC
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 *Nocardioides* 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 *Nocardioides* sp. II Structure determination. Matson J.A. et al., *J. Antibiot.* 1993, 46, 162.