

Product Name: Sandramycin

Product Number: S077

CAS Number: 100940-65-6

Molecular Formula: $C_{60}H_{76}N_{12}O_{16}$

Molecular Weight: 1221.3

Appearance: White solid

Storage Conditions: -20°C

Description: 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.

Sandramycin is soluble in ethanol, methanol, DMF and DMSO.

References: 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.

Sandramycin, a novel antitumor antibiotic produced by a *Nocardioides* sp. II Structure determination. Matson J.A. et al. , J. Antibiot. 1993, 46, 162.