

**Product Name:** Decatromicin B

**Product Number:** D038

**CAS Number:** 235097-64-0

**Molecular Formula:**  $C_{45}H_{56}Cl_2N_2O_{10}$

**Molecular Weight:** 855.9

**Appearance:** Off white to light tan solid

**Storage Conditions:** -20°C

**Description:** Decatromicin B is a tetrone acid isolated from a strain of Actinomadura in 1999. Decatromicin B is a potent antibiotic with activity against antibiotic sensitive and resistant strains such as MRSA. Lack of availability has hampered further investigation into the mode of action or antibacterial spectrum of the decatromicins.

Decatromicin B is soluble in ethanol, methanol, DMF and DMSO.

**References:** Decatromicins A and B, new antibiotics produced by Actinomadura sp. MK73-NF4. I. Taxonomy, isolation, physico-chemical properties and biological activities. Momose I. J. Antibiot. (Tokyo) 1999, 52, 781.