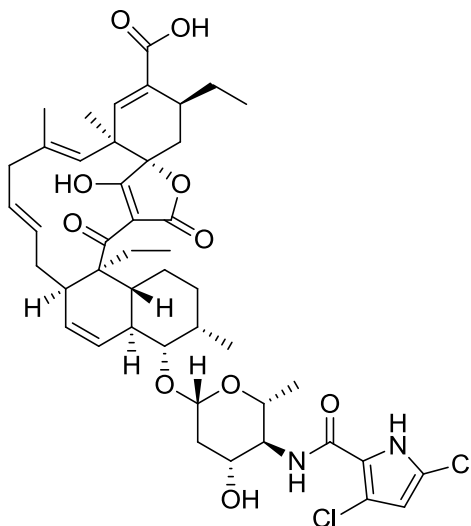


Decatromicin B

Code No.: **BIA-D1412**

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



Synonyms :

Specifications

CAS #	: 235097-64-0
Molecular Formula	: C ₄₅ H ₅₆ Cl ₂ N ₂ O ₁₀
Molecular Weight	: 855.9
Source	: <i>Streptomyces</i> sp.
Appearance	: Off white to light tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

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.

References

1. 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.

Updated: 2 December 2014