Product Name: 9-methylstreptimidone

Product Number: M053

CAS Number: 51867-94-8

Molecular Formula: C_{17}H_{25}NO_{4}

Molecular Weight: 307.4

Appearance: Colourless residue

Storage Conditions: -20°C

Description: 9-Methylstreptimidone is a straight chain member of the glutarimide family, isolated from a number of species of Streptomyces and first reported in 1974. Methylstreptimidone exhibits antifungal and prophylactic antiviral activity. Methylstreptimidone has also been shown to be an inhibitor of the nuclear factor, NF-κB.

9-Methylstreptimidone is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Mechanism of Action: The antiviral activity appears to be due to its ability to induce the production of interferon.

References:
