Product Name: Linezolid
Product Number: L007
CAS Number: 165800-03-3
Molecular Formula: C_{16}H_{20}FN_{3}O_{4}
Molecular Weight: 337.35
Form: Powder
Appearance: White or almost white powder
Source: Synthetic
Storage Conditions: Ambient, Protect from light
Description: Linezolid is an oxazolidinone antibiotic and is effective against Gram positive bacteria including certain strains of methicillin resistant *Staphylococcus aureus* (MRSA).
Mechanism of Action: Linezolid inhibits protein synthesis by binding to the 50S ribosomal subunit which prevents formation of the 30S and 50S ribosomal initiation complex during translation.