Product Name: Virginiamycin
Product Number: V022
CAS Number: 11006-76-1
Molecular Formula: C_{28}H_{35}N_{3}O_{7} (for M1), C_{43}H_{49}N_{7}O_{10} (for S1)
Molecular Weight: 525.6 (for M1); 823.9 (for S1)
Appearance: White solid
Storage Conditions: -20°C

Description: Virginiamycin complex is defined as a mixture of 75% ostreogrycin A (virginiamycin M1) and 25% virginiamycin S1, together with the less abundant S analogues. As the two major components have quite different solubilities, these proportions are not readily achieved or used. The composition of the complex is important as Virginiamycin S1 acts a synergist, binding to the conformational change of the peptidyl transferase centre of the 50S ribosome induced by ostreogrycin A.

Virginiamycin is soluble in DMF and DMSO.

References:


If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/