Product Name: Moenomycin

Product Number: M064

CAS Number: 11015-37-5

Molecular Formula: $\text{C}_{69}\text{H}_{107}\text{N}_4\text{O}_{35}\text{P}$ (for A)

Molecular Weight: 1583.6 (for A)

Appearance: White to off-white solid

Storage Conditions: -20°C

Description: Moenomycin complex is a mixture of five major components, A, A12, C1, C3 and C4, isolated from several strains of Streptomyces in the 1960s. Moenomycins are high molecular weight phosphoglycolipids with potent antibiotic activity used in animal health.

Moenomycin is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Mechanism of Action: Moenomycins are the only antibiotic known to selectively inhibit the transglycosylation step catalysed by penicillin-binding protein 1b.

References:


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