PRODUCT DATA SHEET

Gentamicin C2b

Code No.: BIA-G1563
Pack sizes: 5 mg, 25 mg

Synonyms: Micronomicin, Sagamicin, Santemycin, Antibiotic KW 1062, Antibiotic XK 62-2

Specifications
CAS #: 52093-21-7
Molecular Formula: C20H41N5O7
Molecular Weight: 463.6
Source: Micromonospora sagamiensis var. nonreductans
Appearance: Yellow solid
Purity: >95% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes
Gentamicin C2b (micronomicin) is a trisaccharide pentaaminoglycoside antibiotic belonging to the gentamicin class. Gentamicin C2b was isolated from Micromonospora sagamiensis var. nonreductans by researchers at Kyowa Hakko Kogyo in 1974. Gentamicin C2b has broad activity against Gram positive and Gram negative bacteria. More recently, gentamicin C2b has been shown to induce neuromuscular blockage.

References