

Product Specification

Product Name:

Kanamycin sulfate from *Streptomyces kanamyceticus*
powder, BioReagent, suitable for cell culture,
suitable for plant cell culture

Product Number:

LB37886

CAS Number:

25389-94-0

MDL:

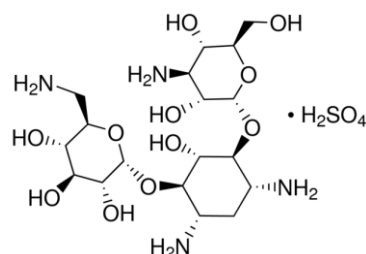
MFCD00070253

Formula:

C₁₈H₃₆N₄O₁₁ · H₂O₄S

Formula Weight:

582.58 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 4 %
Carbon (anhydrous)	35.2 - 37.8 %
Nitrogen (anhydrous)	9.0 - 9.9 %
Cell Culture Test	Pass
Plant Cell Culture Test	Pass
µg Kanamycin base/mg	≥ 750
Potency, dry basis	