
Certificate of Analysis

Product Name: Amikacin hydrate
Cat. No.: GC15685
Batch No.: 1
Chemical Name: (2S)-4-amino-N-[(1R,2S,3S,4R,5S)-5-amino-2-[(2S,3R,4S,5S,6R)-4-amino-3,5-dihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-4-[(2R,3R,4S,5S,6R)-6-(aminomethyl)-3,4,5-trihydroxyoxan-2-yl]oxy-3-hydroxycyclohexyl]-2-hydroxybutanamide;hydrate

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1257517-67-1
Molecular Formula: $C_{22}H_{43}N_5O_{13} \cdot xH_2O$
Molecular Weight: 585.6
Storage: Store at -20°C
Chemical Structure:

ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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