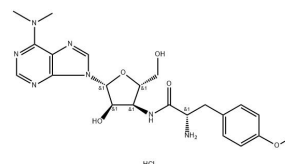


Technical Data Sheet

PUROMYCIN DIHYDROCHLORIDE

Compound Information

Product Name:	PUROMYCIN DIHYDROCHLORIDE
CAS No.:	58-58-2
Molecular Formula:	C ₂₂ H ₃₀ CIN ₇ O ₅
Molecular Weight:	507.98
Storage:	Store at -20°C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
IUPAC Name	3'- [α- Amino- p- methoxyhydrocinnamamido]- 3'- deoxy- N,N- dimethyladenosine dihydrochloride
Appearance	White solid
Solubility	H ₂ O: soluble 50mg/mL (Sterilize stock solution by filtration using 0.22 μm filter then store in aliquots at 20 °C.)
HPLC	Shows 98.3% purity
Microanalysis Carbon	Theoretical 41.94
Microanalysis Hydrogen	Theoretical 6.48
Microanalysis Nitrogen	Theoretical 15.56
Microanalysis Chlorine	Theoretical 11.25
MS	Pass test
1H NMR	Pass test
IR	Pass test
Raman	Pass test

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