



Certificate of Analysis

Product Name	Doxorubicin HCl (adriamycin; NSC 123127)
Catalog No.	V1389
Batch No.	V138904

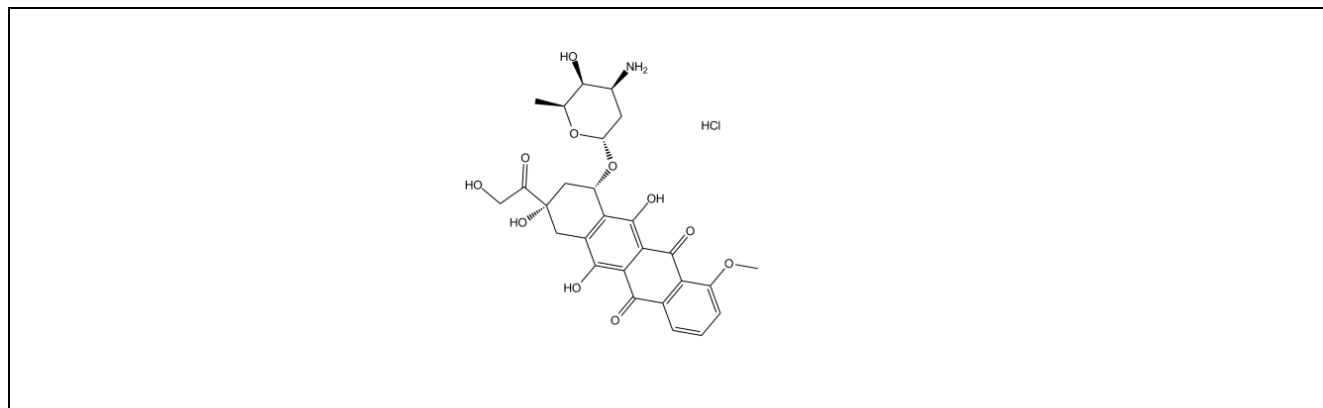
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₇ H ₂₉ NO ₁₁ .HCl
Molecular Weight	579.98
Purity	≥98%
CAS No.	25316-40-9
Production Date	10/30/2021

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for three years

Products are for research use only • Not for human or veterinary use