

Product Datasheet

Doxorubicin Hydrochloride orb609153

Description	Doxorubicin Hydrochloride
Hazard Information	Non-Toxic
Storage	Storage Temp: 4°C
Note	For research use only.
Purity	≥98%
Formula	C ₂₇ H ₂₉ NO ₁₁ HCl
MW	579.99
CAS Number	25316-40-9
SMILES	<chem>CC1C(C(CC(O1)OC2CC(CC3=C(C4=C(C(=C23)O)C(=O)C5=C(C4=O)C=CC=C5OC)O)(C(=O)CO)O)N)O.Cl</chem>
Chemical Name	(8S-cis)10-[(3-Amino-2,3,6-trideoxy-β-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroacetyl)-1-methoxy-5,12-naphthacenedione
Solubility (25°C)	Soluble in water, methanol or aqueous alcohols. Soluble in DMSO to 10 mg/mL. Insoluble in acetone or chloroform.
Expiration Date	12 months from date of receipt.