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## Certificate of Analysis

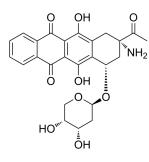
## Amrubicin

Cat. No.:	HY-B0067
CAS No.:	110267-81-7
Batch No.:	17333
Chemical Name:	5,12-Naphthacenedione, 9-acetyl-9-amino-7-[(2-deoxy-β-D-erythro-pentopyranosyl)oxy]-7,8,9,1
	0-tetrahydro-6,11-dihydroxy-, (7S,9S)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>25</sub> H <sub>25</sub> NO <sub>9</sub>		
Molecular Weight:	483.47		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

**Chemical Structure:** 



### ANALYTICAL DATA

Appearance:	Pink to red (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
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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