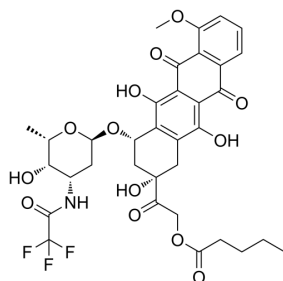


Certificate of Analysis

Product Name:	Valrubicin
Cat. No.:	CS-2929
CAS No.:	56124-62-0
Batch No.:	14543
Chemical Name:	Pentanoic acid, 2-[(2S,4S)-1,2,3,4,6,11-hexahydro-2,5,12-trihydroxy-7-methoxy-6,11-dioxo-4-[2,3,6-trideoxy-3-[(2,2,2-trifluoroacetyl)amino]-α-L-lyxo-hexopyranosyl]oxy]-2-naphthaceny]-2-oxoethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₄ H ₃₆ F ₃ NO ₁₃
Molecular Weight:	723.64
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Orange to red (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.60%
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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