

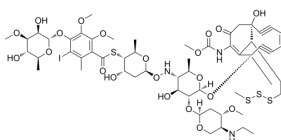
Calicheamicin

Cat. No.:	HY-19609
CAS No.:	108212-75-5
Batch No.:	108736
Chemical Name:	Carbamic acid, N-[(1R,4Z,8S,13E)-8-[[4,6-dideoxy-4-[[[2,6-dideoxy-4-S-[4-[(6-deoxy-3-O-methyl- α -L-mannopyranosyl)oxy]-3-iodo-5,6-dimethoxy-2-methylbenzoyl]-4-thio- β -D-ribo-hexopyranosyl]oxy]amino]-2-O-[2,4-dideoxy-4-(ethylamino)-3-O-methyl- α -L-threo-pentopyranosyl]- β -D-glucopyranosyl]oxy]-1-hydroxy-13-[2-(methyltrithio)ethylidene]-11-oxobicyclo[7.3.1]trideca-4,9-diene-2,6-diyn-10-yl]-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₅₅ H ₇₄ IN ₃ O ₂₁ S ₄		
Molecular Weight:	1368.35		
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:	White to yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.28%
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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