Certificate of Analysis

Product Name:	Lurbinectedin
Cat. No.:	HY-16293
CAS No.:	497871-47-3
Batch No.:	24000
Chemical Name:	Spiro[6,16-(epithiopropanoxymethano)-7,13-imino-12H-1,3-dioxolo[7,8]isoquino[3,2-b][3]benzazocine-20,1'-[1H]pyrido[3,4-b]indol]-19-one, 5-(acetyloxy)-2',3',4',6,6a,7,9',13,14,16-decahydro-8,14-dihydroxy-6',9-dimethoxy-4,10,23-trimethyl-, (1'R,6R,6aR,7R,13S,14S,16R)-

PHYSICAL AND CHEMICAL PROPERTIES

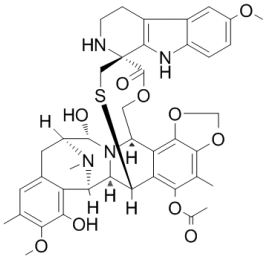
Molecular Formula: $C_{41}H_{44}N_4O_{10}S$

Molecular Weight: 784.87

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 off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
HPLC:	Consistent with structure
Purity (HPLC):	96.81%
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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