Certificate of Analysis

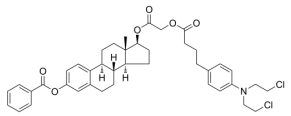
Atrimustine

Cat. No.:	HY-101604
CAS No.:	75219-46-4
Batch No.:	255061
Chemical Name:	Estra-1,3,5(10)-triene-3,17-diol (17β)-, 3-benzoate 17-[2-[4-[4-[bis(2-chloroethyl)amino]phenyl]-1-oxobutoxy]acetate]

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{41}H_{47}Cl_2NO_6$		
Molecular Weight:	**720.72**		
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
Purity (HPLC):	**98.88%**
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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