Certificate of Analysis

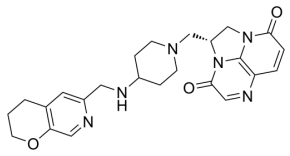
Gepotidacin

Cat. No.:	HY-16742
CAS No.:	1075236-89-3
Batch No.:	323775
Chemical Name:	3H,8H-2a,5,8a-Triazaacenaphthylene-3,8-dione, 2-[[4-[[(3,4-dihydro-2H-pyrano[2,3-c]pyridin-6-yl)methyl]amino]-1-piperidinyl]methyl]-1,2-dihydro-, (2R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{24}H_{28}N_6O_3$		
Molecular Weight:	**448.52**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Enantiomeric Excess:	100.00%
Purity (HPLC):	**99.85%**
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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA