Certificate of Analysis

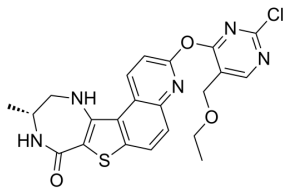
Gamcemetinib

Cat. No.:	HY-139504
CAS No.:	1887069-10-4
Batch No.:	236563
Chemical Name:	8H-[1,4]Diazepino[5′,6′:4,5]thieno[3,2-f]quinolin-8-one, 3-[[2-chloro-5-(ethoxymethyl)-4-pyrimidinyl]oxy]-9,10,11,12-tetrahydro-10-methyl-, (10R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{22}H_{20}ClN_5O_3S$		
Molecular Weight:	**469.94**		
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:	Light yellow to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**98.91%**
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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