Certificate of Analysis

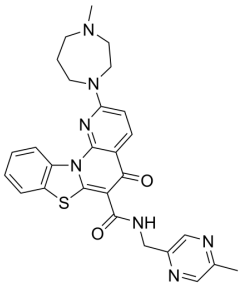
CX-5461

Cat. No.:	HY-13323
CAS No.:	1138549-36-6
Batch No.:	424058
Chemical Name:	5H-Benzothiazolo[3,2-a][1,8]naphthyridine-6-carboxamide, 2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-N-[(5-methyl-2-pyrazinyl)methyl]-5-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{27}H_{27}N_7O_2S$		
Molecular Weight:	**513.61**		
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
Purity (HPLC):	**99.49%**
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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