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# Certificate of Analysis

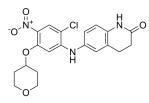
## **TP-021**

Cat. No.:	HY-119402
CAS No.:	2130878-25-8
Batch No.:	248687
Chemical Name:	2(1H)-Quinolinone, 6-[[2-chloro-4-nitro-5-[(tetrahydro-2H-pyran-4-yl)oxy]phenyl]amino]-3,4-dih
	ydro-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{20}H_{20}CIN_{3}O_{5}$		
Molecular Weight:	417.84		
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)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.14%
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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