

Certificate of Analysis

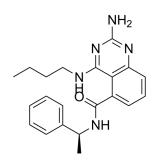
TLR7 agonist 1

Cat. No.:	HY-111358
CAS No.:	2178156-33-5
Batch No.:	234544
Chemical Name:	5-Quinazolinecarboxamide, 2-amino-4-(butylamino)-N-[(1S)-1-phenylethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_{25}N_5O$		
Molecular Weight:	363.46		
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:	Off-white to light yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	98.95%
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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