Certificate of Analysis

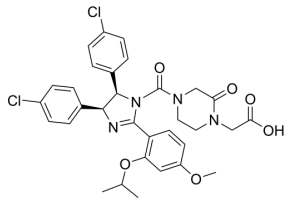
Nutlin carboxylic acid

Cat. No.:	HY-128837
CAS No.:	2249750-27-2
Batch No.:	421075
Chemical Name:	2-(4-((4S,5R)-4,5-bis(4-Chlorophenyl)-2-(2-isopropoxy-4-methoxyphenyl)-4,5-dihydro-1H-imidazole-1-carbonyl)-2-oxopiperazin-1-yl)acetic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{32}H_{32}Cl_2N_4O_6$		
Molecular Weight:	**639.53**		
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):	**98.63%**
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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