

Certificate of Analysis

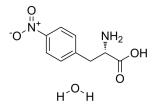
(S)-2-Amino-3-(4-nitrophenyl)propanoic acid hydrate

Cat. No.:	HY-W009693
CAS No.:	207591-86-4
Batch No.:	358806
Chemical Name:	L-Phenylalanine, 4-nitro-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_9H_{12}N_2O_5$		
Molecular Weight:	228.20		
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:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.50%
Optical Rotation[a]:	5.1°(C=0.01 g/mL 1N HCL)
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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