

Certificate of Analysis

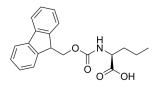
(S)-2-((((9H-Fluoren-9-yl)methoxy)carbonyl)amino)pentanoic acid

Cat. No.:	HY-W013207
CAS No.:	135112-28-6
Batch No.:	270615
Chemical Name:	L-Norvaline, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{20}H_{21}NO_4$		
Molecular Weight:	339.39		
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
LCMS:	Consistent with structure
Purity (LCMS):	99.27%
Optical Rotation:	-1.7°(C=0.025772g/mL CHCL ₃)
Conclusion:	The product has been tested and complies with the given specifications.

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