

Certificate of Analysis

(S)-2-((tert-Butoxycarbonyl)amino)-5-guanidinopentanoic acid

Cat. No.:	HY-W013305
CAS No.:	13726-76-6
Batch No.:	318111

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{11}H_{22}N_4O_4$
Molecular Weight:	274.32
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

 $\underset{H_2N}{\overset{NH}{\amalg}} \underset{H_2}{\overset{NH}{\amalg}} \underset{O}{\overset{H}{\rightthreetimes}} \underset{O}{\overset{H}{{}}} \underset{O}{\overset{H}{{}}}$

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
OR[α](C=1.00 g/100ml ACOH):	-7.9°
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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