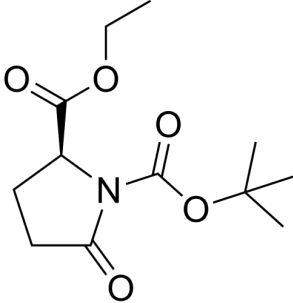


Certificate of Analysis

Compound Information

Product Name:	N-tert-Butoxycarbonylpyroglutamic acid ethyl ester
Cat. No.:	1021584
CAS No.:	144978-12-1
Molecular Formula:	C ₁₂ H ₁₉ NO ₅
Molecular Weight:	257.28
Chemical Structure:	

Batch Information

Batch No.:	Le091499116
Storage:	Store at room temperature
Test Date:	2021-09-15
Retest Date:	2026-09-14
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥97.0%
Water(KF):	0.095%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

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