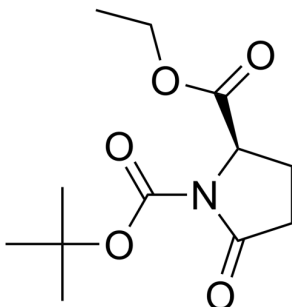


Certificate of Analysis

Compound Information

Product Name:	1-Boc-D-Pyroglutamic acid ethyl ester
Cat. No.:	1052732
CAS No.:	144978-35-8
Molecular Formula:	C ₁₂ H ₁₉ NO ₅
Molecular Weight:	257.28
Chemical Structure:	



Batch Information

Batch No.:	La1205025
Storage:	Store at room temperature
Test Date:	2017-12-05
Retest Date:	2022-12-04
Origin:	Shanghai, China

QC Summary

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

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

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