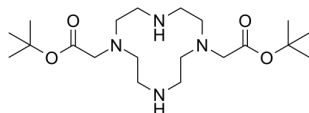


## Certificate of Analysis

### Compound Information

Product Name:	Di-tert-butyl 2,2'-(1,4,7,10-tetraazacyclododecane-1,7-diyl)diacetate
Cat. No.:	1399273
CAS No.:	162148-48-3
Molecular Formula:	C <sub>20</sub> H <sub>40</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	400.56
Chemical Structure:	



### Batch Information

Batch No.:	Lf0711146057
Storage:	2-8°C, protect from light
Mfg. Date:	2022-07-11
Retest Date:	2025-07-10
Origin:	Shanghai, China

### QC Summary

Appearance:	Light yellow to orange (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	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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