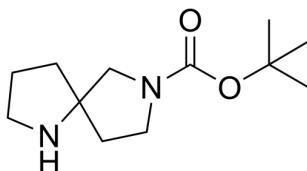


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | 1,7-Diazaspiro[4.4]nonane-7-carboxylic acid, 1,1-dimethylethyl ester |
| Cat. No.: | 1070970 |
| CAS No.: | 646055-63-2 |
| Molecular Formula: | C ₁₂ H ₂₂ N ₂ O ₂ |
| Molecular Weight: | 226.32 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------------|
| Batch No.: | Lg1204342300 |
| Storage: | 2-8°C, protect from light |
| Test Date: | 2023-12-04 |
| Retest Date: | 2026-12-03 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Colorless to light yellow (Liquid) |
| ¹H 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.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai