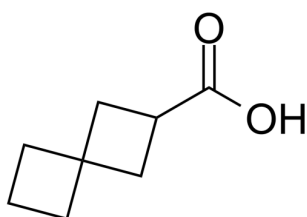


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | Spiro[3.3]heptane-2-carboxylic acid |
| Cat. No.: | 1119327 |
| CAS No.: | 28114-87-6 |
| Molecular Formula: | C ₈ H ₁₂ O ₂ |
| Molecular Weight: | 140.18 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Ld082015635 |
| Storage: | Storage temp. 2-8°C |
| Mfg. Date: | 2019-10-09 |
| Retest Date: | 2022-10-08 |
| 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