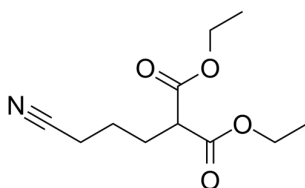


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | Diethyl 2-(3-cyanopropyl)malonate |
| Cat. No.: | 1525156 |
| CAS No.: | 63972-18-9 |
| Molecular Formula: | C ₁₁ H ₁₇ NO ₄ |
| Molecular Weight: | 227.26 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Lf0721147996 |
| Storage: | Storage temp. 2-8°C |
| Mfg. Date: | 2022-07-21 |
| Retest Date: | 2025-07-20 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Colorless to light yellow (Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| Water(KF): | 0.27% |
| 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