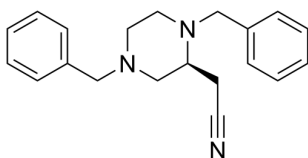


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | (S)-2-(1,4-Dibenzylpiperazin-2-yl)acetonitrile |
| Cat. No.: | 1172554 |
| CAS No.: | 2225787-92-6 |
| Molecular Formula: | C ₂₀ H ₂₃ N ₃ |
| Molecular Weight: | 305.42 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Le061275195 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2019-10-10 |
| Retest Date: | 2022-10-09 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Yellow to brown (Oil) |
| ¹H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.36% |
| 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

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