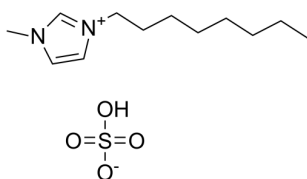


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | 1-methyl-3-octyl-1H-imidazol-3-ium hydrogen sulfate |
| Cat. No.: | 1523647 |
| CAS No.: | 497258-85-2 |
| Molecular Formula: | C ₁₂ H ₂₄ N ₂ O ₄ S |
| Molecular Weight: | 292.39 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---|
| Batch No.: | Lf1205187819 |
| Storage: | 2-8°C, sealed storage, away from moisture |
| Test Date: | 2022-12-05 |
| Retest Date: | 2025-12-04 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to yellow (<38°C Solid,>39°C Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Water(KF): | 0.18% |
| 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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