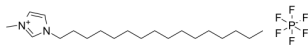


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | 1-hexadecyl-3-methylimidazolium hexafluorophosphate |
| Cat. No.: | 1222835 |
| CAS No.: | 219947-95-2 |
| Molecular Formula: | C ₂₀ H ₃₉ F ₆ N ₂ P |
| Molecular Weight: | 452.50 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|--|
| Batch No.: | Lf0915168505 |
| Storage: | Store at room temperature, keep dry and cool |
| Mfg. Date: | 2022-09-16 |
| Retest Date: | 2025-09-15 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | ≥99.0% |
| Water(KF): | 0.07% |
| 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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