



CERTIFICATE OF ANALYSIS

Date: 18-06-2025

| Product Name | Ketorolac 3-Benzoylpyrrole Chloro Impurity | | | | |
|--------------------------------|--|--|--------------|--|--|
| Chemical Name | 3-Benzoyl-N-(2-chloroethyl)pyrrole | | | | |
| Structure | × | | | | |
| Batch. No. | - | CAS No. | 2384938-36-5 | | |
| Analysis Date | - | Retest Date | 7 | | |
| Mol. Formula | C ₁₃ H ₁₂ ClNO | Molecular Wt. | 233.7 | | |
| Long term Storage Condition | | Store at 2-8 °C in well closed container | | | |
| Handling and Transit Condition | | 25-30 °C in well closed container | | | |

| Test | Result | | | |
|---|-----------------------|--|--|--|
| Appearance | - | | | |
| Solubility | - | | | |
| 1H-NMR | Conforms to structure | | | |
| MASS | Conforms to structure | | | |
| Chromatographic Purity | >90% | | | |
| Note: This material should be used for research purpose and not for human or animal | | | | |

consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

| | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature | | | |
| Date | | | |

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