



CERTIFICATE OF ANALYSIS

Date: 19-06-2025

| Product Name | Brexpiprazole Impurity 61 | | | | |
|--------------------------------|---------------------------|--|----------|--|--|
| Chemical Name | 2-Benzylidenemalonic acid | | | | |
| Structure | × | | | | |
| Batch. No. | - | CAS No. | 584-45-2 | | |
| Analysis Date | - | Retest Date | - | | |
| Mol. Formula | $C_{10}H_8O_4$ | Molecular Wt. | 192.2 | | |
| 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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