



CERTIFICATE OF ANALYSIS

Date: 19-06-2025

| Product Name | Tofacitinib Impurity 55 | | | |
|--------------------------------|---|--|---------------|--|
| Chemical Name | (3R,4S)-1-Benzyl-4-methylpiperidin-3-ol 4-methylcyclohexane-1-sulfonate | | | |
| Structure | | 9 | | |
| Batch. No. | - | CAS No. | 493040-20-3 | |
| Analysis Date | - | Retest Date | 5 | |
| Mol. Formula | $C_{13}H_{19}NO: C_7H_{14}O_3S$ | Molecular Wt. | 205.3 : 178.2 | |
| 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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