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# Certificate of Analysis

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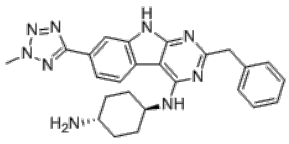
| | | |
|---|---|---|
| **Product Name** | : | UM171 |
| **Cat. No.** | : | PC-62316 |
| **CAS No.** | : | 1448724-09-1 |
| **Batch No.** | : | PC-6231601 |
| **Chemical Name** | : | (1r,4r)-N1-(2-benzyl-7-(2-methyl-2H-tetrazol-5-yl)-9H-pyrimido[4,5-b]indol-4-yl)cyclohexane-1,4-diamine |

## PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Weight** | : | 487.94 | |
| **Molecular Formula** | : | $C_{25}H_{27}N_9$ | |
| **Storage** | : | Powder | -20°C 12 Months |
| | | | 4°C 6 Months |
| | | In solvent | -80°C 6 Months |
| | | | -20°C 6 Months |
| **Chemical Structure** | : |  | |

## ANALYTICAL DATA

| | | |
|---|---|---|
| **Appearance** | : | Solid powder |
| **$^1$H NMR Spectrum** | : | Consistent with |
| **HPLC** | : | Consistent with |
| **NP** | : | Consistent with |
| **Purity (HPLC and/or LCMS)** | : | >98% |
| **Conclusion** | : | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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