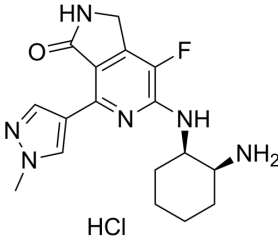


Certificate of Analysis

| | |
|-----------------------|---|
| Product Name: | TAK-659 (hydrochloride) |
| Cat. No.: | CS-6988 |
| CAS No.: | 1952251-28-3 |
| Batch No.: | 36857 |
| Chemical Name: | 3H-Pyrrolo[3,4-c]pyridin-3-one, 6-[[[(1R,2S)-2-aminocyclohexyl]amino]-7-fluoro-1,2-dihydro-4-(1-methyl-1H-pyrazol-4-yl)-, hydrochloride (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--|
| Molecular Formula: | C ₁₇ H ₂₂ ClFN ₆ O |
| Molecular Weight: | 380.85 |
| Storage: | 2-8°C, stored under nitrogen, away from moisture |
| Chemical Structure: |  |

ANALYTICAL DATA

| | |
|-----------------------|---|
| Appearance: | White to off-white (Solid) |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.13% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

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