

Certificate of Analysis

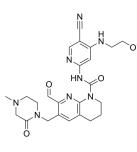
Roblitinib

| Cat. No.: | HY-101568 |
|----------------|--|
| CAS No.: | 1708971-55-4 |
| Batch No.: | 309056 |
| Chemical Name: | 1,8-Naphthyridine-1(2H)-carboxamide, N-[5-cyano-4-[(2-methoxyethyl)amino]-2-pyridinyl]-7-for |
| | myl-3,4-dihydro-6-[(4-methyl-2-oxo-1-piperazinyl)methyl]- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₂₅ H ₃₀ N ₈ O ₄ | | |
|--------------------|---|-------|----------|
| Molecular Weight: | 506.56 | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.74% |
| 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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