

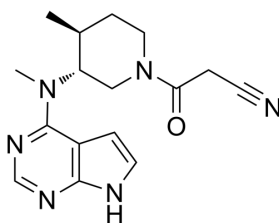
(3R,4S)-Tofacitinib

| | |
|----------------|---|
| Cat. No.: | HY-40354D |
| CAS No.: | 1092578-46-5 |
| Batch No.: | 278047 |
| Chemical Name: | 1-Piperidinepropanenitrile, 4-methyl-3-(methyl-7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-β-oxo-, (3R,4S)- |

PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------------|--|-------|----------|
| Molecular Formula: | C ₁₆ H ₂₀ N ₆ O | | |
| Molecular Weight: | 312.37 | | |
| 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 |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.88% |
| 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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