

Certificate of Analysis

Inhibitors • Screening Libraries • Proteins

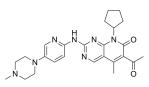
N-Methyl Palbociclib

| Cat. No.: | HY-131466 |
|----------------|--|
| CAS No.: | 571189-51-0 |
| Batch No.: | 356445 |
| Chemical Name: | Pyrido[2,3-d]pyrimidin-7(8H)-one, 6-acetyl-8-cyclopentyl-5-methyl-2-[[5-(4-methyl-1-piperaziny |
| | l)-2-pyridinyl]amino]- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₂₅ H ₃₁ N ₇ O ₂ |
|--------------------|---|
| Molecular Weight: | 461.56 |
| Storage: | 4°C, sealed storage, away from moisture |
| | * In solvent : -80°C. 6 months: -20°C. 1 month (sealed storage, away from moisture) |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Light yellow to yellow (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.66% |
| 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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