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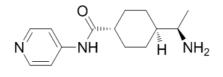
Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name | : Y-27632 dihydrochloride |
|---------------|---|
| Cat. No. | : PC-42669 |
| CAS No. | : 129830-38-2 |
| Batch No. | : PC-4266901 |
| Chemical Name | : Cyclohexanecarboxamide, 4-[(1R)-1-aminoethyl]-N-4-pyridinyl-, hydrochloride (1:2), trans- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight | : 320.2579 | |
|--------------------|--|-----------------|
| Molecular Formula | : C ₁₄ H ₂₃ Cl ₂ N ₃ O | |
| Storage | : Powder | -20°C 12 Months |
| | | 4°C 6 Months |
| | In solvent | -80°C 6 Months |
| | | -20°C 1 Month |
| Chemical Structure | : | |



H-CI H-CI

| 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! E-mail: tech@probechem.com