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Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name | : LMPTP inhibitor 23 dihydrochloride |
|---------------|---|
| Cat. No. | : PC-21977 |
| CAS No. | : 2310135-46-5 |
| Batch No. | : PC-2197701 |
| Chemical Name | : N,N-diethyl-4-(4-((3-(piperidin-1-yl)propyl)amino)quinolin-2-yl)benzamide dihydrochloride |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight | : 517.54 | |
|--------------------|--|-----------------|
| Molecular Formula | : C ₂₈ H ₃₈ Cl ₂ N ₄ O | |
| Storage | : Powder | -20°C 12 Months |
| | | 4°C 6 Months |
| | In solvent | -80°C 6 Months |
| | | -20°C 1 Month |
| Chemical Structure | : | |
| | HN | 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