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Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name | Miglustat hydrochloride |
|---------------|--|
| Cat. No. | : PC-45142 |
| CAS No. | : 210110-90-0 |
| Batch No. | : PC-4514201 |
| Chemical Name | : 3,4,5-Piperidinetriol, 1-butyl-2-(hydroxymethyl)-, hydrochloride (1:1), (2R,3R,4R,5S)- |

PHYSICAL AND CHEMICAL PROPERTIES Molecular Weight : 255 739

| Molecular Weight | : 255.739 | |
|--------------------|---|--|
| Molecular Formula | : C ₁₀ H ₂₂ CINO ₄ | |
| Storage | : Powder -20°C 12 Months | |
| | 4°C 6 Months | |
| | In solvent -80°C 6 Months | |
| | -20°C 1 Month | |
| Chemical Structure | · HO | |
| | | |
| | H–Cl | |
| | | |

| 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