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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name  | : ML-240  |
|---------------|---|
| Cat. No.      | : PC-45717  |
| CAS No.       | : 1346527-98-7  |
| Batch No.     | : PC-4571701  |
| Chemical Name | : 4-Quinazolinamine, 2-(2-amino-1H-benzimidazol-1-yl)-8-methoxy-N-(phenylmethyl)- |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight            | : 396.4445   |                 |
|-----------------------------|--|-----------------|
| Molecular Formula           | : C <sub>23</sub> H <sub>20</sub> N <sub>6</sub> O |                 |
| Storage                     | : Powder   | -20°C 12 Months |
|                             |  | 4°C 6 Months    |
|                             | In solvent   | -80°C 6 Months  |
|                             |  | -20°C 1 Month   |
| Chemical Structure          | •H <sub>2</sub> M                                  | N J=N           |
|                             | N Y  | N_N             |
|                             |  |                 |
|                             | NH   |                 |
|                             |  |                 |
|                             |  |                 |
|                             | $\sim$   |                 |
| ANALYTICAL DATA             |  |                 |
| Appearance                  | : Solid powder                                     |                 |
| <sup>1</sup> H NMR Spectrum | : Consistent with                                  |                 |
|                             |  |                 |

| <sup>1</sup> 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