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## **Certificate of Analysis**

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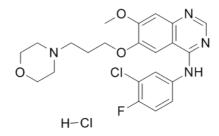
| Product Name  | : Gefitinib hydrochloride   |
|---------------|---|
| Cat. No.      | : PC-45892  |
| CAS No.       | : 184475-55-6   |
| Batch No.     | : PC-4589201  |
| Chemical Name | : 4-Quinazolinamine, N-(3-chloro-4-fluorophenyl)-7-methoxy-6-[3-(4-morpholinyl)propoxy]-, hydrochloride (1:1) |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight  | : 483.3633   |                 |
|-------------------|--|-----------------|
| Molecular Formula | : C <sub>22</sub> H <sub>25</sub> Cl <sub>2</sub> FN <sub>4</sub> O <sub>3</sub> |                 |
| Storage           | : Powder   | -20°C 12 Months |
|                   |  | 4°C 6 Months    |
|                   | In solvent   | -80°C 6 Months  |
|                   |  | -20°C 6 Months  |

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Chemical Structure



| ANALYTICAL DATA             |   |
|-----------------------------|---|
| Appearance                  | : Solid powder  |
| <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