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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name  | Diclofensine hydrochloride   |
|---------------|--|
| Cat. No.      | : PC-45480   |
| CAS No.       | : 34041-84-4   |
| Batch No.     | : PC-4548001   |
| Chemical Name | : Isoquinoline, 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-7-methoxy-2-methyl-, hydrochloride (1:1) |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight   | : 358.6899   |                              |
|--------------------|--|------------------------------|
| Molecular Formula  | : C <sub>17</sub> H <sub>18</sub> Cl <sub>3</sub> NO |                              |
| Storage            | : Powder -   | 20°C 3 years                 |
|                    | In solvent -   | 4°C 2 years<br>80°C 6 months |
|                    | -  | 20°C 1 month                 |
| Chemical Structure | : _0   | <u></u>                      |
|                    |  |                              |
|                    |  | $\mathbf{Y}$                 |
|                    | C  |                              |
|                    | Į.   |                              |
|                    |  | CI                           |
|                    |  | ĊI                           |
|                    | H–CI   |                              |
|                    |  |                              |

## **ANALYTICAL DATA**

| Appearance                  | : Solid powder  |
|-----------------------------|---|
| <sup>1</sup> H NMR Spectrum | : Consistent with   |
| HPLC                        | : Consistent with   |
| NP                          | : Consistent with   |
| Purity (HPLC)               | : >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