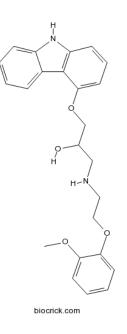
## BioCrick Certificate of Analysis

| Product Name:                       | Carvedilol                |
|-------------------------------------|---------------------------|
| Catalog Number:                     | BCC4324                   |
| Batch Number:                       | KLKH12b01                 |
| 1. PHYSICAL AND CHEMICAL PROPERTIES |                           |
| Molecular Formula:                  | C24H26N2O4                |
| Molecular Weight:                   | 406.47                    |
| Purity:                             | >98%                      |
| Cas Number:                         | 72956-09-3                |
| 2. ANALYTICAL DATA                  |                           |
| HPLC:                               | Shows >98% purity         |
| NMR:                                | Consistent with structure |
| 2 CHEMICAI STRUCTURE                |                           |

## **3. CHEMICAL STRUCTURE**



## **4. USAGE GUIDE**

**Storage:** Store the product in sealed, cool and dry condition.

**General tips:** For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

## **Authorized Signature:**

Date:

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