

# Carvedilol

**Catalog No: tcsc1194**



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

72956-09-3

**Formula:**

$C_{24}H_{26}N_2O_4$

**Pathway:**

GPCR/G Protein

**Target:**

Adrenergic Receptor

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 205$  mg/mL (504.34 mM)

**Alternative Names:**

BM 14190

**Observed Molecular Weight:**

406.47

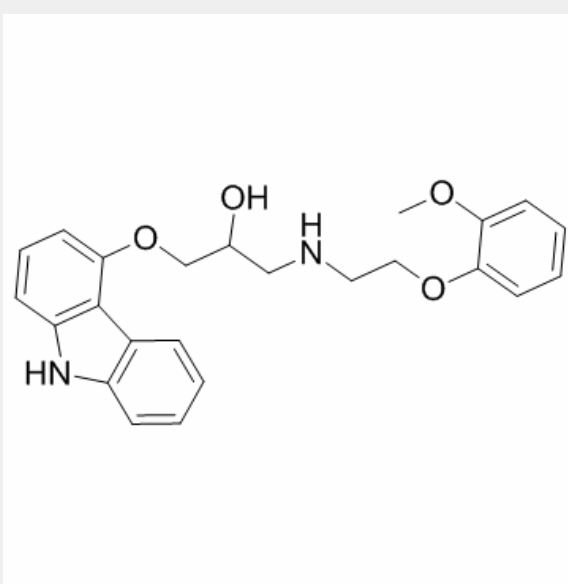
## Product Description

Carvedilol(BM14190) is a non-selective beta blocker/alpha-1 blocker with an IC50 of 3.8  $\mu$ M for inhibition of LDL oxidation.

IC50 Value: 3.8  $\mu$ M ( inhibition of LDL oxidation)

Target: beta Adrenergic Receptor

Carvedilol is a nonselective-blocking agent and is used in the treatment of hypertension and angina pectoris. As a third-generation  $\beta$ -adrenergic blocker ( $\beta$ -blocker), Carvedilol is able to reverse cardiac structural remodeling. Recent results demonstrated that the effect caused by Carvedilol on cardiac remodeling is largely dependent on endogenous NO.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!