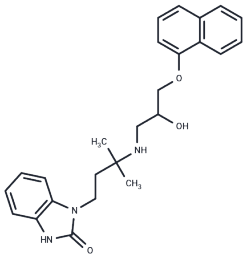
# Data Sheet (Cat.No.T206977)

TargetMol

## Adimolol free base

### Chemical Properties



CAS No. : 78459-19-5

Formula: C25H29N3O3

Molecular Weight: 419.516

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

### Biological Description

| | |
|---|---|
| Description | Adimolol (free base) (MEN 935 (free base)) is a β- and α-adrenergic receptor antagonist. The Ki values for adimolol (free base) at α1 and α2 adrenergic receptors are 5.2 x 10^-7 and 1.3 x 10^-5 mol/L, respectively. It is applicable in hypertension research. |
| Targets(IC50) | Adrenergic Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.3837 mL | 11.9184 mL | 23.8368 mL |
| 5 mM | 0.4767 mL | 2.3837 mL | 4.7674 mL |
| 10 mM | 0.2384 mL | 1.1918 mL | 2.3837 mL |
| 50 mM | 0.0477 mL | 0.2384 mL | 0.4767 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481