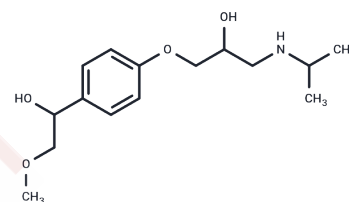


α -hydroxy Metoprolol

Chemical Properties

CAS No. : 56392-16-6
 Formula: C₁₅H₂₅NO₄
 Molecular Weight: 283.36
 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 | α -hydroxy Metoprolol is an active metabolite of the β ₁ -adrenergic receptor blocker metoprolol. It is formed via metabolism of metoprolol by the cytochrome P450 (CYP) isoform CYP2D6. |
| Targets(IC50) | Others, Drug Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.5291 mL | 17.6454 mL | 35.2908 mL |
| 5 mM | 0.7058 mL | 3.5291 mL | 7.0582 mL |
| 10 mM | 0.3529 mL | 1.7645 mL | 3.5291 mL |
| 50 mM | 0.0706 mL | 0.3529 mL | 0.7058 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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