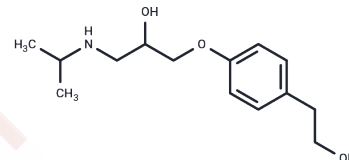


O-Desmethyl Metoprolol

Chemical Properties

CAS No. :	62572-94-5
Formula:	C ₁₄ H ₂₃ NO ₃
Molecular Weight:	253.342
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	O-Desmethyl metoprolol, a metabolite of metoprolol, acts as a β 1-adrenergic receptor (β 1-AR) antagonist. This compound is produced through the metabolism of metoprolol by the cytochrome P450 (CYP) isoform CYP2D6.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9473 mL	19.7363 mL	39.4726 mL
5 mM	0.7895 mL	3.9473 mL	7.8945 mL
10 mM	0.3947 mL	1.9736 mL	3.9473 mL
50 mM	0.0789 mL	0.3947 mL	0.7895 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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