

S(-)-Bisoprolol fumarate

Chemical Properties

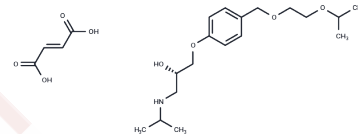
CAS No. : 1426853-23-7

Formula: C₁₈H₃₁NO₄.xC₄H₄O₄

Molecular Weight: 441.521

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	S(-)-Bisoprolol fumarate, the S(-)-enantiomer of Bisoprolol fumarate, is a potent, selective, and orally active β ₁ -adrenergic receptor blocker with minimal activity on β ₂ -receptors. It holds potential for research in hypertension, coronary artery disease, and stable ventricular dysfunction [1] [2].
Targets(IC50)	Others, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2649 mL	11.3245 mL	22.649 mL
5 mM	0.453 mL	2.2649 mL	4.5298 mL
10 mM	0.2265 mL	1.1325 mL	2.2649 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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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