

Bisoprolol-D5 Hemifumarate

Chemical Properties

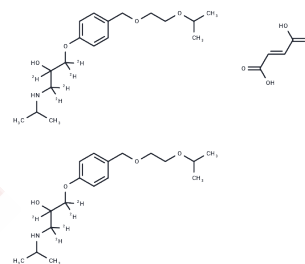
CAS No. :

Formula: C40H56D10N2O12

Molecular Weight: 777.02

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

Bisoprolol-D5 Hemifumarate is a deuterated compound of Bisoprolol Hemifumarate. Bisoprolol Hemifumarate (T0143) has a CAS number of 104344-23-2. Bisoprolol, a selective beta-1 adrenergic receptor antagonist, selectively and competitively binds to and blocks beta-1 adrenergic receptors in the heart, thereby with antihypertensive activity and devoid of intrinsic sympathomimetic activity.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.287 mL	6.4348 mL	12.8697 mL
5 mM	0.2574 mL	1.287 mL	2.5739 mL
10 mM	0.1287 mL	0.6435 mL	1.287 mL
50 mM	0.0257 mL	0.1287 mL	0.2574 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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