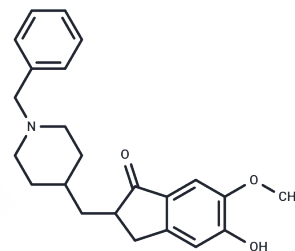


5-O-Desmethyl donepezil

Chemical Properties

CAS No. :	120013-57-2
Formula:	C ₂₃ H ₂₇ NO ₃
Molecular Weight:	365.47
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	5-O-Desmethyl donepezil is a metabolite of Donepezil that acts as an inhibitor of hERG channels, with an IC ₅₀ of 1.5 μM.
Targets(IC ₅₀)	Drug Metabolite, Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7362 mL	13.681 mL	27.362 mL
5 mM	0.5472 mL	2.7362 mL	5.4724 mL
10 mM	0.2736 mL	1.3681 mL	2.7362 mL
50 mM	0.0547 mL	0.2736 mL	0.5472 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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