

3-Methoxy-L-tyrosine-D3 monohydrate

Chemical Properties

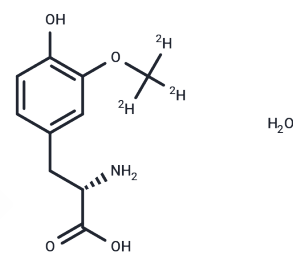
CAS No. :

Formula: C₁₀H₁₂D₃N₁O₅

Molecular Weight: 232.25

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

3-Methoxy-L-tyrosine-D3 monohydrate is a deuterated compound of 3-Methoxy-L-tyrosine monohydrate. 3-Methoxy-L-tyrosine monohydrate (T36122) has a CAS number of 200630-46-2. 3-O-methyl-L-DOPA is a metabolite of L-DOPA, produced by the activity of catechol O-methyltransferase. 3-O-methyl-L-DOPA may have effects of its own or it may compete with the actions of L-DOPA.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3057 mL	21.5285 mL	43.0571 mL
5 mM	0.8611 mL	4.3057 mL	8.6114 mL
10 mM	0.4306 mL	2.1529 mL	4.3057 mL
50 mM	0.0861 mL	0.4306 mL	0.8611 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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