

7-Desmethyl-agomelatine D3

Chemical Properties

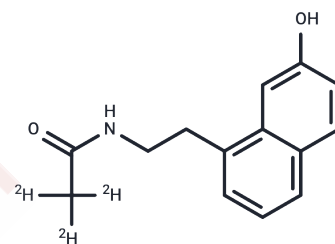
CAS No. :

Formula: C14H12D3NO2

Molecular Weight: 232.29

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

7-Desmethyl-agomelatine-D3 is a deuterium labeled 7-Desmethyl-agomelatine. 7-Desmethyl-agomelatine (T10193) is a metabolite of Agomelatine.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.305 mL	21.5248 mL	43.0496 mL
5 mM	0.861 mL	4.305 mL	8.6099 mL
10 mM	0.4305 mL	2.1525 mL	4.305 mL
50 mM	0.0861 mL	0.4305 mL	0.861 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.

Reference

Li M, et al. Development and validation a LC-MS/MS method for the simultaneous determination of agomelatine and its metabolites, 7-desmethyl-agomelatine and 3-hydroxy-agomelatine in human plasma: Application to a bioequivalence study. J Chromatogr B Analyt Technol Biomed Life Sci. 2015 Oct 15;1003:60-6.

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