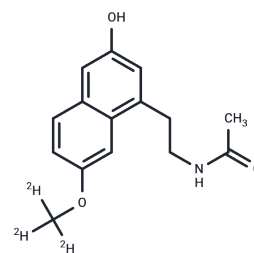


3-Hydroxy agomelatine D3

Chemical Properties

CAS No. :	1079774-23-4
Formula:	C ₁₅ H ₁₇ N ₃ O
Molecular Weight:	262.32
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-Hydroxy agomelatine-D3 is a deuterium labeled 3-Hydroxy agomelatine. 3-Hydroxy agomelatine (T10114) is an Agomelatine metabolite and a 5-HT _{2C} receptor antagonist (IC ₅₀ : 3.2 μM; K _i : 1.8 μM).
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8121 mL	19.0607 mL	38.1214 mL
5 mM	0.7624 mL	3.8121 mL	7.6243 mL
10 mM	0.3812 mL	1.9061 mL	3.8121 mL
50 mM	0.0762 mL	0.3812 mL	0.7624 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

Chagraoui A, et al. Agomelatine(S 20098) antagonizes the penile erections induced by the stimulation of 5-HT_{2C} receptors in Wistar rats. *Psychopharmacology (Berl)*. 2003 Oct;170(1):17-22.

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