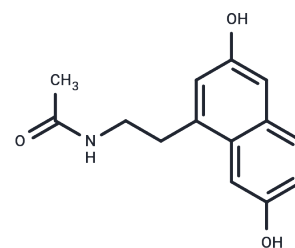


7-Desmethyl-3-hydroxyagomelatine

Chemical Properties

CAS No. :	166527-00-0
Formula:	C ₁₄ H ₁₅ NO ₃
Molecular Weight:	245.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	7-Desmethyl-3-hydroxyagomelatine is a metabolite of Agomelatine and has less activity than Agomelatine. Agomelatine is a melatonergic (MT1 and MT2) agonist and 5-HT _{2C} antagonist.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0771 mL	20.3857 mL	40.7714 mL
5 mM	0.8154 mL	4.0771 mL	8.1543 mL
10 mM	0.4077 mL	2.0386 mL	4.0771 mL
50 mM	0.0815 mL	0.4077 mL	0.8154 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.

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

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