
Product Data Sheet

Product Name: 3-Hydroxy agomelatine-d3

Cat. No.: GC68328

Chemical Properties

Cas. No. 1079774-23-4

Formula $C_{15}H_{14}D_3NO_3$ M.Wt 262.32

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

3-Hydroxy agomelatine D3 is a deuterium labeled 3-Hydroxy agomelatine. 3-Hydroxy agomelatine is a **5-HT_{2C} receptor** antagonist with an **IC₅₀** of 3.2 μM and a **K_i** of 1.8 μM^[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
