
Product Data Sheet

Product Name: Desmethyl cariprazine

Cat. No.: GC62926

Chemical Properties

Cas. No. 839712-15-1

Formula C₂₀H₃₀Cl₂N₄O

M.Wt

413.38

Solubility

Storage

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**

Desmethyl cariprazine is an active metabolite of Cariprazine[1]. Cariprazine, an antipsychotic drug candidate, exhibits high affinity for the D3 (K_i=0.085 nM) and D2 (0.49 nM) receptors, and moderate affinity for the 5-HT_{1A} receptor (2.6 nM)[2].

[1]. Campbell RH, et al. Review of cariprazine in management of psychiatric illness. Ment Health Clin. 2018 Mar 23;7(5):221-229.

[2]. Seneca N, et al. Occupancy of dopamine D2 and D3 and serotonin 5-HT_{1A} receptors by the novel antipsychotic drug candidate, cariprazine (RGH-188), in monkey brain measured using positron emission tomography. Psychopharmacology (Berl). 2011 Dec;218(3):579-8.

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

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