
Product Data Sheet

Product Name: Didesmethyl cariprazine

Cat. No.: GC62932

Chemical Properties

Cas. No. 839712-25-3

Formula $C_{19}H_{28}Cl_2N_4O$

M.Wt 399.36

Solubility DMSO : 11.36 mg/mL (28.45 mM; ultrasonic and warming and heat to 80°C)

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**

Didesmethyl cariprazine is a metabolite of Cariprazine and acts as the predominant circulating active moiety. Didesmethyl cariprazine has a long half-life of 1-3 weeks. Cariprazine is a antipsychotic drug candidate that exhibits high affinity for the D3 and D2 receptors, and moderate affinity for the 5-HT1A receptor[1].

[1]. Citrome L, et al. Cariprazine for acute and maintenance treatment of adults with schizophrenia: an evidence-based review and place in therapy. *Neuropsychiatr Dis Treat.* 2018 Oct 5;14:2563-2577.

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

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