Certificate of Analysis

Clozapine-d₄

Cat. No.: HY-14539S2 CAS No.: 204395-52-8 Batch No.: 288460

Chemical Name: 5H-Dibenzo[b,e][1,4]diazepine, 8-chloro-11-(4-methyl-1-piperazinyl-2,2,6,6-d4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{15}D_4ClN_4$

330.85 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.82% **Isotopic Enrichment:** 99.21%

Conclusion: The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA