
Product Data Sheet

Product Name: Dopamine serotonin antagonist-1

Cat. No.: GC30772

Chemical Properties

Cas. No. 1977-07-7

SMILES CN1CCN(C2=NC3=CC=CC=C3NC4=CC=CC=C42)CC1Formula $C_{18}H_{20}N_4$

M.Wt 292.38

Solubility DMSO : ≥ 83.3 mg/mL (284.90 mM)Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Deschloroclozapine, a metabolite of Clozapine, is a highly potent muscarinic DREADDs (muscarinic Designer Receptors Exclusively Activated by Designer Drugs) agonist, and binds to DREADD receptor subtypes hM3Dq and hM4Di with K_i of 6.3 and 4.2 nM, respectively.

[1] Hu F, et al. Eur J Med Chem. 2021 Mar 5;213:113047.

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
