

Product Data Sheet

Product Name: Mazapertine

Cat. No.: GC79288

Chemical Properties

Cas. No. 134208-17-6

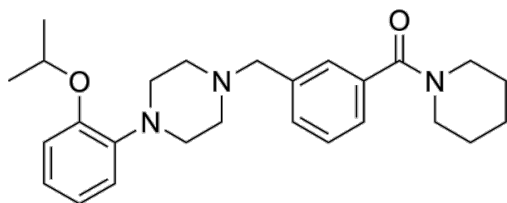
Formula $C_{26}H_{35}N_3O_2$ M.Wt 421.58

Solubility DMSO: 100 mg/mL (237.20 mM; Need ultrasonic) Storage Store at 4°C, protect from light, stored under nitrogen

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

Mazapertine is an orally active antipsychotic agent. Mazapertine antagonizes dopamine D_{2/3/4} receptors (K_i values < 3 nM) and also strongly binds to serotonin 5-HT_{1A} receptor (K_i = 1.7 nM) and α ₁-adrenergic receptor (K_i = 1.3 nM). Mazapertine can be used for the research of neurological disease [1].

References:

[1]. Reitz AB, et al. Orally active benzamide antipsychotic agents with affinity for dopamine D₂,

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

Product Data Sheet

serotonin 5-HT_{1A}, and adrenergic α_1 receptors. J Med Chem. 1998 Jun 4;41(12):1997-2009.

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