

Product Data Sheet

Product Name: Cav 2.2 blocker 1

Cat. No.: GC35619

Chemical Properties

Cas. No. 1567335-29-8

SMILES COC(C=CC=C1)=C1N2C(C3=CC=C(Cl)C=C3)=CC(C4CC(C)(C)OC(C)(C)C4)=N2

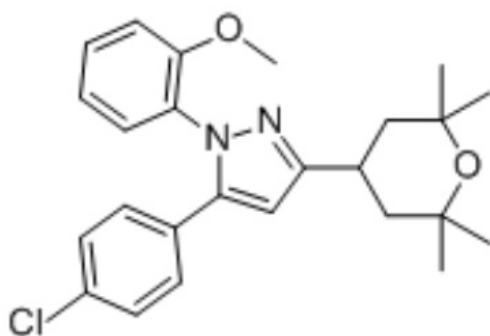
Formula $C_{25}H_{29}ClN_2O_2$ M.Wt 424.96

Solubility DMSO: 20.83 mg/mL (49.02 mM) Storage Store at -20°C

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

Cav 2.2 blocker 1 (compound 9) is a N-type calcium channel (Cav 2.2) blocker for the treatment of pain, with an IC₅₀ of 1 nM[1]. IC₅₀: 1 nM (Cav 2.2)[1].

[1]. Wall MJ, et al. Discovery and optimization of a novel series of pyrazolytetrahydropyran N-type calcium channel (Cav 2.2) blockers for the treatment of pain. Bioorg Med Chem Lett. 2018 Dec 15;28(23-24):3780-3783.

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