
Product Data Sheet

Product Name: JZP 361
Cat. No.: GC50284

Chemical Properties

Cas. No. 1680193-80-9

SMILES C1C=CC=C2C(CCC3=CC=CN=C3/C2=C4CCN(C(N5C=NC=N5)=O)CC\4)=C1

Formula C₂₂H₂₀N₅O M.Wt 405.88

Solubility DMSO : 125 mg/mL (307.97 mM; ultrasonic and warming and heat to 60°C) 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

Potent and selective reversible MAGL inhibitor (IC₅₀ = 46 nM). Exhibits 35-fold and 150-fold higher selectivity over human FAAH and ABHD6, respectively (IC₅₀ values are 1.79 and 7.24 μM, respectively). Displays affinity for H1 receptors (pA₂ = 6.81). Exhibits no activity at cannabinoid receptors at 10 μM.

Patel et al (2015) Loratadine analogues as MAGL inhibitors. Bioorg.Med.Chem.Lett. 25 1436 PMID:25752982

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

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