

Product Data Sheet

Product Name: LY3130481

Cat. No.: GC36510

Chemical Properties

Cas. No. 1610802-47-5

SMILES O=C(N1)SC2=C1C=CC([C@H](C)C3=NN(C4=CC=C(OCCO)C=N4)C=C3)=C2

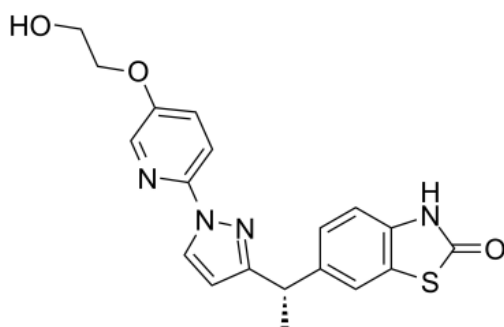
Formula $C_{19}H_{18}N_4O_3S$ M.Wt 382.44

Solubility DMSO: 250 mg/mL (653.70 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

LY3130481 is an AMPA receptor antagonist that is dependent upon transmembrane AMPA receptor regulatory protein (TARP) γ -8, selective inhibits AMPA/TARP γ -8 with an IC_{50} of 65 nM[1]. IC_{50} :65 nM (AMPA/TARP γ -8)[1]

[1]. Gardinier KM, et al. Discovery of the First α -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antagonist Dependent upon Transmembrane AMPA Receptor Regulatory Protein (TARP) γ -8. J Med Chem. 2016 May 26;59(10):4753-68.

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

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