

LY3130481

## Chemical Properties

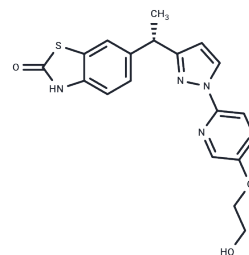
CAS No. : 1610802-47-5

Formula: C19H18N4O3S

Molecular Weight: 382.44

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	LY3130481 is an AMPA receptor antagonist. It is dependent upon transmembrane AMPA receptor regulatory protein (TARP) $\gamma$ -8 and selectively inhibits AMPA/TARP $\gamma$ -8 (IC50: 65 nM).
Targets(IC50)	Others, iGluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6148 mL	13.0739 mL	26.1479 mL
5 mM	0.523 mL	2.6148 mL	5.2296 mL
10 mM	0.2615 mL	1.3074 mL	2.6148 mL
50 mM	0.0523 mL	0.2615 mL	0.523 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481