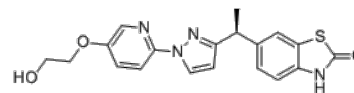


Product Name : LY 3130481
Cat. No. : PC-60899
CAS No. : 1610802-47-5
Molecular Formula : C₁₉H₁₈N₄O₃S
Molecular Weight : 382.438
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

LY3130481 (CERC611) is a potent, selective, noncompetitive TARP γ 8-associated **AMPA receptors** antagonist with IC₅₀ of 65.3 nM (GluA1/TARP γ -8), with no activity for γ -2 (cerebellum) or other TARP members.

LY3130481 (CERC611) demonstrates fully protective against pentylentetrazole-induced convulsions in rats without the motor impairment associated with non-TARP-dependent AMPA receptor antagonists.

References

Gardinier KM, et al. *J Med Chem*. 2016 May 26;59(10):4753-68.

Kato AS, et al. *Nat Med*. 2016 Dec;22(12):1496-1501.

Witkin JM, et al. *Neuropharmacology*. 2017 Nov;126:257-270.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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