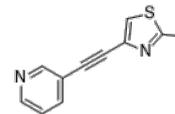


Product Name : MTEP
Cat. No. : PC-26041
CAS No. : 329205-68-7
Molecular Formula : C₁₁H₈N₂S
Molecular Weight : 200.26
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

MTEP is a potent, selective, non-competitive mGlu5 antagonist with IC₅₀ of 5 nM and K_i of 16 nM. MTEP produces antidepressant effects in several rodent models of depression. MTEP also demonstrates neuroprotective potential by preventing excitotoxic neuronal damage.

References

- Busse CS, et al. Neuropsychopharmacology. 2004 Nov;29(11):1971-9.
Keck TM, et al. ACS Med Chem Lett. 2012 Jul 12;3(7):544-549.
Rasmussen K, et al. Neuropharmacology. 2005 Feb;48(2):173-80.

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

E-mail: tech@probechem.com