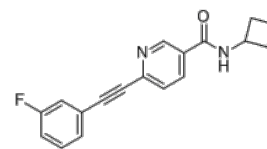


Product Name : VU0360172
Cat. No. : PC-49074
CAS No. : 1310012-12-4
Molecular Formula : C₁₈H₁₅FN₂O
Molecular Weight : 294.329
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

VU0360172 is a selective **mGlu5 receptor** positive allosteric modulator (PAM) with EC₅₀ of 16 nM, K_i of 195 nM.

VU0360172 displays no significant activity at mGlu1, mGlu2 or mGlu4 receptors.

VU0360172 exhibits antipsychotic-like activity in a rodent model, also reduces spontaneous spike and wave discharges without affecting motor behaviour in a rat model of absence epilepsy.

References

Celli R, et al. *Neuropharmacology*. 2020 Nov 1;178:108240.

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

E-mail: tech@probechem.com