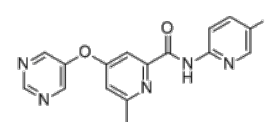


Product Name : VU0424238
Cat. No. : PC-63197
CAS No. : 1396337-04-4
Molecular Formula : C₁₆H₁₂FN₅O₂
Molecular Weight : 325.303
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

Auglurant (VU0424238) is a potent, selective, orally active **mGlu5** negative allosteric modulator with K_i of 4.4 nM, displays >900-fold selectivity for mGlu5 versus the other mGlu receptors.

Auglurant (VU0424238) demonstrates 50% receptor occupancy at an oral dose of 0.8 mg/kg in rats and an intravenous dose of 0.06 mg/kg in baboons.

References

Felts AS, et al. *J Med Chem.* 2017 Jun 22;60(12):5072-5085.

Crouch RD, et al. *Drug Metab Dispos.* 2017 Dec;45(12):1245-1259.

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

E-mail: tech@probechem.com