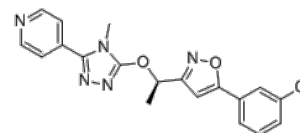


Product Name : AZD2066
Cat. No. : PC-60791
CAS No. : 934282-55-0
Molecular Formula : C₁₉H₁₆ClN₅O₂
Molecular Weight : 381.82
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

AZD2066 is a potent, selective, highly CNS-penetrant **mGluR5** antagonist, inhibits Ca²⁺ response in mGlu5/HEK cells and striatal, hippocampal, and cortical cultures with IC₅₀ of 27.2, 3.56, 96.2, and 380 nM respectively.

AZD2066 inhibits transient lower oesophageal sphincter relaxations (TLESRs) in animals and acid reflux, shows potential for treatment of gastro-oesophageal reflux.

References

Rohof WO, et al. *Aliment Pharmacol Ther.* 2012 May;35(10):1231-42.

Nordmark A, et al. *Eur J Clin Pharmacol.* 2014 Feb;70(2):167-78.

Swedberg MD, et al. *J Pharmacol Exp Ther.* 2014 Aug;350(2):212-22.

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

E-mail: tech@probechem.com