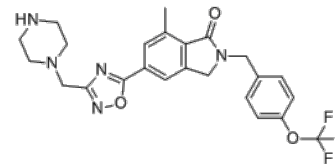


Product Name : AZD8529
Cat. No. : PC-63180
CAS No. : 1092453-15-0
Molecular Formula : C₂₄H₂₄F₃N₅O₃
Molecular Weight : 487.483
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

AZD8529 (AZD-8529) is a novel potent, selective **mGluR2** positive allosteric modulator with EC₅₀ of 195 nM, does not produce any positive allosteric modulator responses for mGluR1 and 3-8 subtypes.

AZD8529 potentiates agonist-induced activation of mGluR2 in the membrane-binding assay and in primate cortex, hippocampus and striatum.

AZD8529 decreases nicotine self-administration at doses (0.3-3 mg/kg) in monkeys, also reduces nicotine priming- and cue-induced reinstatement of nicotine seeking, decreases nicotine-induced accumbens dopamine release in rats.

References

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Li X, et al. Psychopharmacology (Berl). 2016 May;233(10):1801-14.

Augier E, et al. Neuropsychopharmacology. 2016 Nov;41(12):2932-2940.

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

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