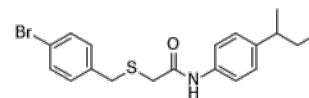


Product Name : AZ12216052
Cat. No. : PC-22232
CAS No. : 1290628-31-7
Molecular Formula : C₁₉H₂₂BrNOS
Molecular Weight : 392.36
Target : mGluR
Solubility : 10 mM in DMSO



CAS: 1290628-31-7

Biological Activity

AZ12216052 is potent, selective positive allosteric modulator of **mGluR8**, potentiates the effect of 300 nM glutamate with EC₅₀ of 1.0 μM in [³⁵S]GTPγS binding assays.

AZ12216052 shows no effect in GTPγS binding assays using membranes prepared from mGluR4-expressing GHEK cells. The positive allosteric modulator effects of AZ12216052 were inhibited by the group-II/III antagonists LY341495 and CPPG.

References

Duvoisin RM, et al. *Behav Brain Res*. 2010 Oct 15;212(2):168-73.

Reed BT, et al. *Neuropharmacology*. 2013 Apr;67:88-94.

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

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