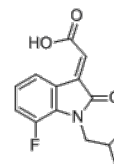


Product Name : ASP7663
Cat. No. : PC-61156
CAS No. : 1190217-35-6
Molecular Formula : C₁₄H₁₄FNO₃
Molecular Weight : 263.268
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

ASP7663 is a potent, selective, orally active **TRPA1** receptor agonist with EC₅₀ of 0.51, 0.54 and 0.50 μM for human, rat and mouse TRPA1, respectively.

ASP7663 concentration-dependently stimulates 5-HT release from QGP-1 cells with EC₅₀ of 72.5 μM.

ASP7663 significantly improves the loperamide-induced delay in colonic transit in mice, also significantly inhibits colorectal distension (CRD)-induced abdominal pain response in rats.

References

Kojima R, et al. *Eur J Pharmacol.* 2014 Jan 15;723:288-93.

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

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