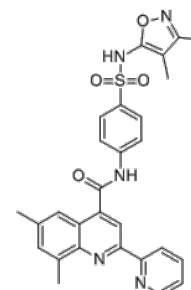


Product Name : ML193
Cat. No. : PC-35195
CAS No. : 713121-80-3
Molecular Formula : C₂₈H₂₅N₅O₄S
Molecular Weight : 527.59
Target : GPR55
Solubility : 10 mM in DMSO



Biological Activity

ML193 (CID 1261822) is a potent, selective **GPR55** antagonist with IC₅₀ of 221 nM, shows >27-, >145- and >145-fold selectivity for GPR55 over CB1, GPR35 and CB2, respectively.

ML193 reduces neuronal differentiation in vitro, increases anxiety-like behaviors while causing locomotor impairment by i.c.v. injection at the doses of 0.1 and 1 µg/rat.

References

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- Munawar N, et al. *Front Pharmacol*. 2017 Mar 20;8:136.
- Drzazga A, et al. *Biochem Biophys Res Commun*. 2017 Jul 22;489(2):242-247.
- Hill JD, et al. *Br J Pharmacol*. 2018 Jun 11. doi: 10.1111/bph.14387.

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

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