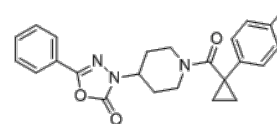


**Product Name** : ML191  
**Cat. No.** : PC-35027  
**CAS No.** : 931695-79-3  
**Molecular Formula** : C<sub>24</sub>H<sub>25</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 403.482  
**Target** : GPR55  
**Solubility** : 10 mM in DMSO



## Biological Activity

ML191 (CCG-152883) is a potent, selective GPR55 antagonist with 160 nM potency for **GPR55** and >100-fold selectivity against GPR35, CB1 and CB2.

ML191 (CCG-152883) inhibits LPI- mediated ERK1/2 phosphorylation with IC<sub>50</sub> of 0.4 μM.

ML191 (CCG-152883) inhibits trafficking induced by 10 μM LPI in the β-arrestin trafficking assay with IC<sub>50</sub> of 1.08 μM.

## References

Heynen-Genel S, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].

Kotsikorou E, et al. *Biochemistry*. 2013 Dec 31;52(52):9456-69.

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

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