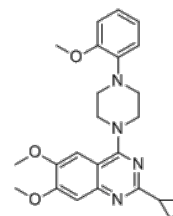


Product Name : ML314
Cat. No. : PC-20493
CAS No. : 1448895-09-7
Molecular Formula : C₂₄H₂₈N₄O₃
Molecular Weight : 420.51
Target : Neurotensin Receptor
Solubility : 10 mM in DMSO



CAS: 1448895-09-7

Biological Activity

ML314 is a selective, brain penetrant full agonist of neurotensin 1 receptor (**NTR1**) with EC₅₀ of 2.0 uM, shows good selectivity against NTR2 and GPR35.

ML314 is potentially a biased agonist operating via the β-arrestin pathway rather than the traditional Gq coupled pathway.

References

Peddibhotla S, et al. *ACS Med Chem Lett.* 2013 Jul 20;4(9):846-851.

Barak LS, et al. *ACS Chem Biol.* 2016 Jul 15;11(7):1880-90.

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

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