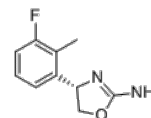


**Product Name** : RO 5263397  
**Cat. No.** : PC-61072  
**CAS No.** : 1357266-05-7  
**Molecular Formula** : C<sub>10</sub>H<sub>11</sub>FN<sub>2</sub>O  
**Molecular Weight** : 194.209  
**Target** : Trace Amine-associated Receptor (TAAR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

RO 5263397 is a highly potent, selective and orally bioavailable trace amine-associated receptor 1 (**TAAR1**) partial agonist with EC<sub>50</sub> of 17 nM, >1,000-fold selectivity over human adrenergic α<sub>2A</sub> receptor.

RO 5263397 shows EC<sub>50</sub> of 35 nM for rat TRRA1.

RO 5263397 blocks psychostimulant-induced hyperactivity and produces a brain activation pattern reminiscent of the antipsychotic drug olanzapine in vivo, does not induce catalepsy or weight gain, promotes vigilance in rats and shows pro-cognitive and antidepressant-like properties in rodent and primate models.

## References

Revel FG, et al. *Mol Psychiatry*. 2013 May;18(5):543-56.

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

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