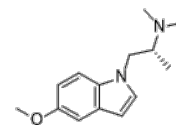


**Product Name** : AAZ-A-154  
**Cat. No.** : PC-24197  
**CAS No.** : 2481740-94-5  
**Molecular Formula** : C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O  
**Molecular Weight** : 232.33  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



CAS: 2481740-94-5

## Biological Activity

Zalsupindole (AAZ-A-154) is a potent, highly selective non-hallucinogenic psychLight competitive ligand/antagonist of 5-HT<sub>2</sub> receptors (5-HT<sub>2</sub>R<sub>s</sub>), exhibits antidepressant-like effects.

impact behavior without producing hallucinogenic effects in mice.

AAZ-A-154 promote dendritic outgrowth in cultured rat embryonic cortical neurons through activation of 5-HT<sub>2</sub>R<sub>s</sub>, increases dendritic arbor complexity to a comparable extent as the fast-acting antidepressant ketamine (KET).

AAZ-A-154 produces long-lasting (> 2-week) beneficial behavioral effects in rodents following a single administration.

## References

Dong C, et, al. Cell. 2021 May 13;184(10):2779-2792.e18.

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

E-mail: tech@probechem.com