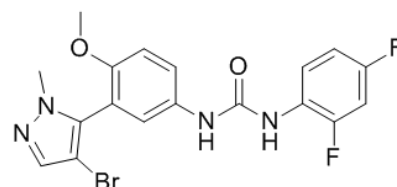


**Product Name** : Nelotanserin  
**Cat. No.** : PC-42651  
**CAS No.** : 839713-36-9  
**Molecular Formula** : C<sub>18</sub>H<sub>15</sub>BrF<sub>2</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 437.2381  
**Target** : 5-HT Receptor  
**Solubility** : DMSO: ≥ 32 mg/mL



## Biological Activity

A potent, selective 5-HT<sub>2A</sub> inverse agonist with pK<sub>i</sub> of 9.2; displays >30- and 5000-fold selectivity compared with 5-HT<sub>2C</sub> and 5-HT<sub>2B</sub> receptors; prevents DOI-induced hypolocomotion and increases sleep consolidation; orally active.

Depression

Phase 2 Discontinued

## References

Teegarden BR, et al. J Med Chem. 2010 Mar 11;53(5):1923-36.

Al-Shamma HA, et al. J Pharmacol Exp Ther. 2010 Jan;332(1):281-90.

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

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