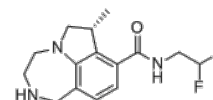


**Product Name** : Bexicaserin  
**Cat. No.** : PC-21971  
**CAS No.** : 2035818-24-5  
**Molecular Formula** : C<sub>15</sub>H<sub>19</sub>F<sub>2</sub>N<sub>3</sub>O  
**Molecular Weight** : 295.33  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



CAS: 2035818-24-5

1. Ren A, et al. *J Med Chem*. 2025 May 14. doi: 10.1021/acs.jmedchem.4c02923.

## Biological Activity

Bexicaserin (LP352) is a potent, highly selective, oral and centrally acting **5-HT<sub>2C</sub>** receptor agonist with EC<sub>50</sub> of 42 nM (E<sub>max</sub>=112%), and K<sub>i</sub> of 39 nM.

Bexicaserin (LP352) shows no detected activity at the 5-HT<sub>2B</sub> and 5-HT<sub>2A</sub> receptor subtypes.

Bexicaserin (LP352) displays excellent oral bioavailability, good central nervous system partitioning, and decreased renal clearance in vivo.

Bexicaserin (LP352) also is a potent inhibitor of acute refeeding in the fasted rat, suggesting on-target effects.

## References

