

Product Datasheet

Bexicaserin

Catalog No. **BP-01961** · CAS **2035818-24-5** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-09**

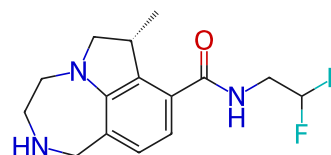
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Target 5-HT Receptor	Research area Neurological Disease
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Molecular formula **C₁₅H₁₉F₂N₃O**

Molecular weight **295.3277**

STRUCTURE



DESCRIPTION

Bexicaserin (LP352) is a 5-HT_{2C} receptor agonist with potential for studying obesity and psychiatric-related disorders (such as epilepsy).

BIOLOGICAL ACTIVITY

In Vitro Bexicaserin (10 μM, 24 or 48 hours) is a superagonist of the 5-HT_{2C} receptor (a ligand that induces a greater response than the endogenous agonist), with a K_i of 44 nM. In dynamic mass redistribution (DMR) assays, Bexicaserin induced a maximal cellular response in HEK293 cells expressing the human 5-HT_{2C} receptor that exceeded the response induced by the endogenous agonist 5-HT.

SOLUBILITY

Soluble in DMSO : 50 mg/mL

REFERENCES

- [1]. Pędzich BD, et al. Effects of a psychedelic 5-HT_{2A} receptor agonist on anxiety-related behavior and fear processing in mice. *Neuropsychopharmacology*. 2022 Jun;47(7):1304-1314.
- [2]. Kaye R, et al. Searching for safer and more effective medications in the management of seizure disorders: a 5-HT_{2C} superagonist[C]//EPILEPSIA. 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY, 2023, 64: 315-315.

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