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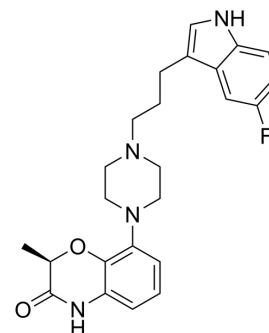
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Lensiprazine

Cat. No.:	HY-14793
CAS No.:	327026-93-7
Molecular Formula:	C ₂₄ H ₂₇ N ₄ O ₂
Molecular Weight:	422.5
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lensiprazine is a potent dopamine D2 receptor (D2R) antagonist that acts as a serotonin reuptake inhibitor. Lensiprazine can be used to study bipolar disorder and schizophrenia^{[1][2][3]}.

REFERENCES

- [1]. Bollu R, et al. Potential anti-proliferative agents from 1,4-benzoxazinone-quinazolin-4(3H)-one templates[J]. Bioorganic & Medicinal Chemistry Letters, 2017, 27(24): 5481-5484.
- [2]. Lange J H M, et al. Principal component analysis differentiates the receptor binding profiles of three antipsychotic drug candidates from current antipsychotic drugs[J]. Journal of medicinal chemistry, 2007, 50(21): 5103-5108.
- [3]. Raully-Lestienne I, et al. Differential profile of typical, atypical and third generation antipsychotics at human 5-HT 7a receptors coupled to adenylyl cyclase: detection of agonist and inverse agonist properties[J]. Naunyn-Schmiedeberg's archives of pharmacology, 2007, 376: 93-105.

Caution: Product has not been fully validated for medical applications. For research use only.

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