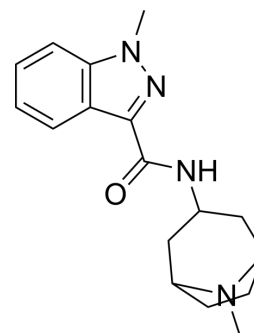


## LY 278584

Cat. No.:	HY-124117
CAS No.:	119193-37-2
Molecular Formula:	C <sub>17</sub> H <sub>22</sub> N <sub>4</sub> O
Molecular Weight:	298.38
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LY 278584 is a potent, highly selective 5-HT <sub>3</sub> receptor antagonist with a K <sub>i</sub> of 1.62 nM. LY 278584 has no activity on 5-HT <sub>1A</sub> , 5-HT <sub>1B</sub> , 5-HT <sub>1C</sub> , 5-HT <sub>1D</sub> , or 5-HT <sub>2</sub> receptors <sup>[1]</sup> .
IC <sub>50</sub> & Target	5-HT <sub>3</sub> Receptor 1.62 nM (K <sub>i</sub> )

### REFERENCES

[1]. D W Robertson, et al. Synthesis and biochemical evaluation of tritium-labeled 1-methyl-N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-1H-indazole-3-carboxamide, a useful radioligand for 5HT<sub>3</sub> receptors. J Med Chem. 1990 Dec;33(12):3176-81.

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

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