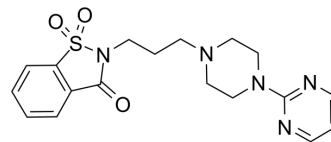


## Revospirone

Cat. No.:	HY-111985
CAS No.:	95847-87-3
Molecular Formula:	C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	387.46
Target:	5-HT Receptor; Adenylate Cyclase
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Revospirone (BAY Vq 7813) is a partial agonist of the 5-HT <sub>1A</sub> receptor with a K <sub>i</sub> of 2 nmol/L. Revospirone inhibits adenylate cyclase activity with an IC <sub>50</sub> of 124 nmol/L <sup>[1]</sup> .
IC <sub>50</sub> & Target	Ki: 2 nmol/L (5-HT <sub>1A</sub> ) <sup>[1]</sup> . IC50: 124 nmol/L (adenylate cyclase) <sup>[1]</sup> .

### REFERENCES

[1]. Löscher, W et al. The behavioural responses to 8-OH-DPAT, ipsapirone and the novel 5-HT<sub>1A</sub> receptor agonist Bay Vq 7813 in the pig. Naunyn-Schmiedeberg's archives of pharmacology vol. 342,3 (1990): 271-7.

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

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