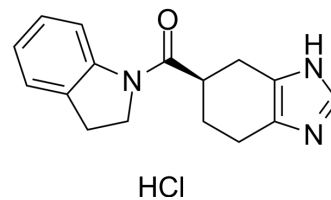


## YM114

Cat. No.:	HY-106909A
CAS No.:	153608-99-2
Molecular Formula:	C <sub>16</sub> H <sub>18</sub> ClN <sub>3</sub> O
Molecular Weight:	303.79
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

YM114 (KAE-393) is a highly potent and selective (5-HT)<sub>3</sub>-receptor antagonist that does not affect Veratridine (HY-N6691)- or electrical stimulation-induced bradycardia in anesthetized rats. YM114 inhibits 2-methyl-5-HT (HY-19358)-induced Bezold-Jarisch reflex, which originates from (5-HT)<sub>3</sub>-receptor located on the endings of vagal afferent nerves in the heart<sup>[1]</sup>.

## REFERENCES

[1]. Yamano M, et al. Characteristics of inhibitory effects of serotonin (5-HT)<sub>3</sub>-receptor antagonists, YM060 and YM114 (KAE-393), on the von Bezold-Jarisch reflex induced by 2-Methyl-5-HT, veratridine and electrical stimulation of vagus nerves in anesthetized rats. *Jpn J Pharmacol.* 1995 Dec;69(4):351-6.

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

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