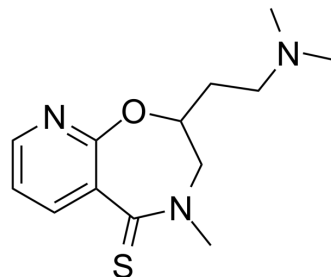


## Rocastine

Cat. No.:	HY-101745
CAS No.:	91833-49-7
Molecular Formula:	C <sub>13</sub> H <sub>19</sub> N <sub>3</sub> OS
Molecular Weight:	265.37
Target:	Histamine Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Rocastine is a selective, non-sedating H1 antagonist, acting as an antihistamine.
In Vivo	Rocastine is effective with a 15 min pretreatment time (PD <sub>50</sub> = 0.13 mg/kg) as it is with a 1 hr pretreatment time (PD <sub>50</sub> = 0.12 mg/kg). Rocastine protects guinea pigs from collapse induced by aerosolized antigen; rocastine is approximately 36x more potent than diphenhydramine and as potent as oxatamide and terfenadine. Rocastine does not alter the EEG of cats at doses in vast excess (150x) of its antihistaminic dose nor does it potentiate yohimbine toxicity in mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Nolan JC, et al. Rocastine (AHR-11325), a rapid acting, non-sedating antihistamine. Agents Actions. 1989 Aug;28(1-2):53-61.

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

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