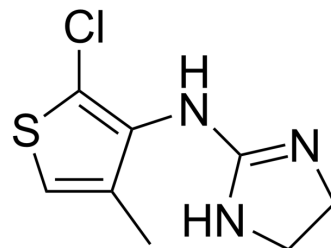


## Tiamenidine

Cat. No.:	HY-112074
CAS No.:	31428-61-2
Molecular Formula:	C <sub>8</sub> H <sub>10</sub> ClN <sub>3</sub> S
Molecular Weight:	215.7
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tiamenidine (HOE 440) is an orally active $\alpha_2$ -adrenergic receptor agonist with antihypertensive effect. Tiamenidine is used as an antihypertensive agent for hypertension research <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: $\alpha_2$ -Adrenergic Receptor <sup>[1]</sup>

### REFERENCES

[1]. D M Roden, et al. Electrophysiologic and hemodynamic effects of chronic oral therapy with the alpha 2-agonists clonidine and tiamenidine in hypertensive volunteers. Clin Pharmacol Ther. 1988 Jun;43(6):648-54.

[2]. D M Roden, et al. Electrophysiologic and hemodynamic effects of chronic oral therapy with the alpha 2-agonists clonidine and tiamenidine in hypertensive volunteers. Clin Pharmacol Ther. 1988 Jun;43(6):648-54.

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

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