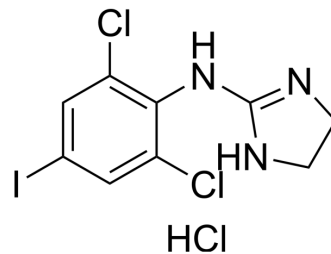


## p-Iodoclonidine hydrochloride

Cat. No.:	HY-112658
CAS No.:	108294-57-1
Molecular Formula:	C <sub>9</sub> H <sub>9</sub> Cl <sub>3</sub> IN <sub>3</sub>
Molecular Weight:	392.45
Target:	Adrenergic Receptor; Adenosine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

p-Iodoclonidine hydrochloride is a partial agonist of  $\alpha$ 2-adrenergic receptor. p-Iodoclonidine hydrochloride also has minimal agonist activity in inhibiting adenylate cyclase in platelet membranes, and potentiates ADP induced platelet aggregation with an EC<sub>50</sub> of 1.5  $\mu$ M<sup>[1]</sup>.

### REFERENCES

[1]. Gerhardt MA, et al. p-[125I]iodoclonidine is a partial agonist at the alpha 2-adrenergic receptor. Mol Pharmacol. 1990 Aug;38(2):214-21.

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

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