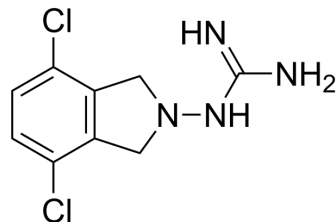


Aganodine

Cat. No.:	HY-106504
CAS No.:	86696-87-9
Molecular Formula:	C ₉ H ₁₀ Cl ₂ N ₄
Molecular Weight:	245.11
Target:	Imidazoline Receptor
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Aganodine is a guanidine that activates presynaptic imidazoline receptors and can inhibit electrically evoked [³H]-norepinephrine release^{[1][2][3]}.

REFERENCES

- [1]. Molderings G J, et al. Presynaptic imidazoline receptors and non-adrenoceptor [³H]-idazoxan binding sites in human cardiovascular tissues[J]. British journal of pharmacology, 1997, 122(1): 43-50.
- [2]. Göthert M, et al. α₂-Adrenoceptor-independent inhibition by imidazolines and guanidines of noradrenaline release from peripheral, but not central noradrenergic neurons[J]. Annals of the New York Academy of Sciences, 1995, 763(1): 405-419.
- [3]. Schlicker E, et al. Effects of imidazolines in noradrenaline release in brain: An investigation into their relationship to imidazoline, α₂ and H₃ receptors[J]. Neurochemistry international, 1997, 30(1): 73-83.

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

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