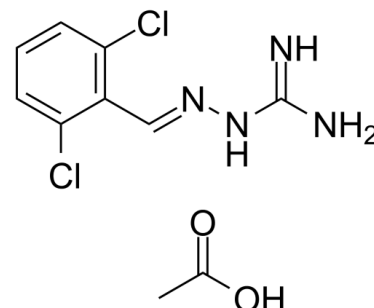


Data Sheet

Product Name:	Guanabenz (Acetate)
Cat. No.:	CS-2675
CAS No.:	23256-50-0
Molecular Formula:	C ₁₀ H ₁₂ Cl ₂ N ₄ O ₂
Molecular Weight:	291.13
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : ≥ 51 mg/mL (175.18 mM)



BIOLOGICAL ACTIVITY:

Guanabenz (Acetate) (BR-750) is an alpha-2 selective adrenergic agonist used as an antihypertensive agent. IC₅₀ & Target: Alpha-2 Adrenergic Receptor^[1]. **In Vitro:** Guanabenz is an alpha agonist of the alpha-2 type that is used as an antihypertensive drug. It is used to treat high blood pressure (hypertension)^{[1][2]}.

References:

- [1]. Walker, B.R., L.E. Hare, and M.W. Deitch, Comparative antihypertensive effects of guanabenz and clonidine. *J Int Med Res*, 1982. 10(1): p. 6-14.
- [2]. Bonham, A.C., et al., Studies on the mechanism of the central antihypertensive effect of guanabenz and clonidine. *J Hypertens Suppl*, 1984. 2(3): p. S543-6.

CAIndexNames:

Hydrazinecarboximidamide, 2-[(2,6-dichlorophenyl)methylene]-, acetate (1:1)

SMILES:

ClC1=CC(=C(N=C(N)N)C(Cl)=CC=C1)CC(=O)O

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

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