

Product Data Sheet

Product Name: Guanabenz Acetate

Cat. No.: GC16839

Chemical Properties

Cas. No. 23256-50-0

Chemical Name acetic acid;2-[(E)-(2,6-dichlorophenyl)methylideneamino]guanidine

SMILES CC(=O)O.C1=CC(=C(C(=C1)Cl)C=NN=C(N)N)Cl

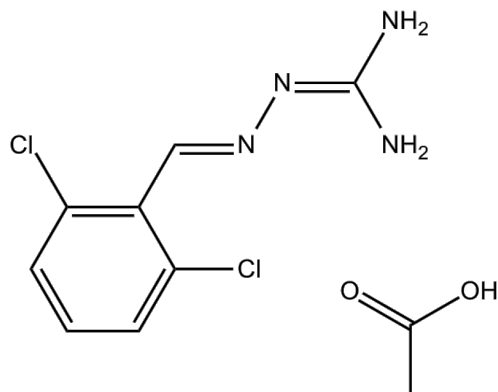
Formula $C_8H_8Cl_2N_4 \cdot C_2H_4O_2$ M.Wt 291.13

Solubility $\geq 14.6\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Guanabenz (Acetate) (BR-750) is an alpha-2 selective adrenergic agonist used as an antihypertensive agent.

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:

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

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- [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.

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