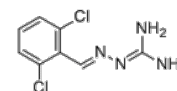


Product Name : Guanabenz
Cat. No. : PC-62319
CAS No. : 5051-62-7
Molecular Formula : C₈H₈Cl₂N₄
Molecular Weight : 231.08
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

Guanabenz (WY 8678) is an **α₂ adrenergic** receptor agonist that is used as an antihypertensive agent, also has been proposed to exert protective effects against misfolding by interfering with eIF2α-P dephosphorylation through selective disruption of a **PP1-PPP1R15A** holophosphatase complex. Guanabenz also has antiparasitic activity against replicative stages of Toxoplasma.

References

- Das I, et al. *Science*. 2015 Apr 10;348(6231):239-42.
- Crespillo-Casado A, et al. *Elife*. 2017 Apr 27;6. pii: e26109.
- Benmerzouga I, et al. *Antimicrob Agents Chemother*. 2015 Nov;59(11):6939-45.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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