

Product Name : Guanabenz

Synonyms : WY 8678

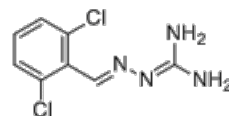
Cat No. : M14722

CAS Number : 5051-62-7

Molecular Formula : C₈H₈Cl₂N₄

Formula Weight : 231.08

Chemical Name : 2-[(E)-(2,6-dichlorophenyl)methylideneamino]guanidine



Description : Guanabenz (WY 8678) is an α_2 adrenergic receptor agonist that is used as an antihypertensive agent, also has been proposed to exert protective effects against misfolding by interfering with eIF2 α -P dephosphorylation through selective disruption of a PP1-PPP1R15A holophosphatase complex; also has antiparasitic activity against replicative stages of Toxoplasma. Multiple Sclerosis Phase 1 Clinical

Pathway : Metabolic Enzyme/Protease

Target : Protein Phosphatase/PTP

Receptor : Protein Phosphatase/PTP

Solubility : —

SMILES : N/C(N)=N/C=C(Cl)C=CC=C(Cl)

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Das I, et al. Science. 2015 Apr 10;348(6231):239-42. | 2. Crespillo-Casado A, et al. Elife. 2017 Apr 27;6. pii: e26109. | 3. Benmerzouga I, et al. Antimicrob Agents Chemother. 2015 Nov;59(11):6939-45.