

Product Datasheet

Guanabenz acetate (orb1225571)

Catalog Number	orb1225571
Category	Small Molecules
Description	An α_2 adrenergic receptor that is used as an antihypertensive drug; 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. Hypertension Approved (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).
Target	Adrenergic Receptor
Purity	>98% (HPLC)
MW	291.1339
Target Areas	α_2A -adrenergic receptor α_2B -adrenergic receptor α_2C -adrenergic receptor
Solubility (25°C)	DMSO: \geq 51 mg/ml
CAS Number	23256-50-0
Formula	C ₁₀ H ₁₂ Cl ₂ N ₄ O ₂
SMILES	NC(N/N=C/C1=C(CI)C=CC=C1CI)=N.CC(O)=O
Chemical Name	Hydrazinecarboximidamide, 2-[(2,6-dichlorophenyl)methylene]-, acetate (1:1)
Storage	Storage temperature: -20°C. Stability: \geq 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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