

Product Name : Olanexidine hydrochloride**Synonyms** : —**Cat No.** : M34354**CAS Number** : 146509-94-6**Molecular Formula** : C₁₇H₂₈Cl₃N₅**Formula Weight** : 408.8**Chemical Name** : —

Description : Olanexidine hydrochloride is a monobiguanide compound with bactericidal activity. Olanexidine probably binds to the cell membrane, destroys membrane integrity. Olanexidine hydrochloride is active against a wide range of bacteria, including Gram-positive and Gram-negative bacteria. Olanexidine exhibits the bactericidal concentration of 109 µg/mL for Gram-positive bacilli.

Pathway : GPCR/G Protein**Target** : Antibacterial**Receptor** : Antibacterial**Solubility** : In Vitro: ?DMSO : 62.5 mg/mL (152.89 mM; Ultrasonic (<60°C);)**SMILES** : Cl.CCCCCCCCNC(=N)NC(=N)NCc1ccc(Cl)c(Cl)c1**Storage** : (-20°C)**Stability** : ≥ 2 years**Reference** :

1. Hagi A, et al. Bactericidal Effects and Mechanism of Action of Olanexidine Gluconate, a New Antiseptic. Antimicrob Agents Chemother. 2015 Aug;59(8):4551-9. ?