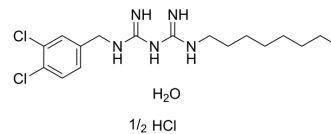


Olanexidine hydrochloride semihydrate

Cat. No.:	HY-125654B
CAS No.:	218282-71-4
Molecular Formula:	C ₁₇ H ₃₀ Cl ₃ N ₃ O
Molecular Weight:	417.81
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Olanexidine hydrochloride semihydrate is an antibacterial agent. Olanexidine hydrochloride semihydrate is active against a wide range of bacteria, including both Gram-positive and Gram-negative bacteria. Olanexidine hydrochloride semihydrate is also an antiseptic. Olanexidine hydrochloride semihydrate can be used in the research of infection and inflammation^{[1][2][3]}.

REFERENCES

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- [2]. Nakata H, et al. Effects of olanexidine gluconate on preoperative skin preparation: an experimental study in cynomolgus monkeys. *J Med Microbiol*. 2017 May;66(5):678-685.
- [3]. Imai K, et al. Disinfection efficacy and mechanism of olanexidine gluconate against norovirus. *Am J Infect Control*. 2022 Jul;50(7):764-771.
- [4]. Nii T, Yumoto H, Hirota K, Miyake Y. Anti-inflammatory effects of olanexidine gluconate on oral epithelial cells. *BMC Oral Health*. 2019 Nov 8;19(1):239.

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

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