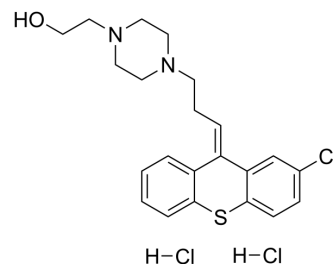


trans-Cloventhixol dihydrochloride

Cat. No.:	HY-A0163C
CAS No.:	58045-22-0
Molecular Formula:	C ₂₂ H ₂₇ Cl ₃ N ₂ OS
Molecular Weight:	473.89
Target:	Antibiotic; Bacterial; Parasite
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

trans-Cloventhixol ((E)-Cloventhixol) dihydrochloride is an antibiotic agent, without neuroleptic effect. trans-Cloventhixol can be used to inhibit *Pseudomonas aeruginosa* and *Plasmodium falciparum* in vitro^{[1][2]}.

REFERENCES

[1]. Kristiansen JE, et al. The susceptibility of *Plasmodium falciparum* in vitro to chlorpromazine and the stereo-isomeric compounds cis(Z)- and trans(E)-cloventhixol. *Acta Pathol Microbiol Immunol Scand B*. 1985 Jun;93(3):249-51.

[2]. Kristiansen J E, et al. Stereo-isomeric dissociation of the antibacterial and the neuroleptic effect of cloventhixol[J]. *Acta pathologica et microbiologica Scandinavica*. Section B, Microbiology, 1981, 89(6): 437-438.

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

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