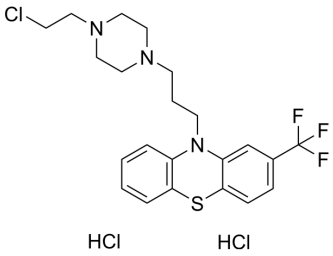
Fluphenazine-N-2-chloroethane hydrochloride

Cat. No.:	HY-133782
CAS No.:	3892-78-2
Molecular Formula:	$C_{22}H_{27}Cl_3F_3N_3S$
Molecular Weight:	528.89
Target:	Calmodulin
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fluphenazine-N-2-chloroethane (SKF-7171A) hydrochloride is a potent irreversiblecalmodulin antagonist[1][2].
In Vitro	Fluphenazine-N-2-chloroethane hydrochloride (10 μM) decrease the NO production induced by CORM-2 (HY-W033577) at 0.1 mM in acinar cells[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. D. R. Ishmael, et al. Trimetrexate, methotrexate, and pemetrexed results of comparative in vitro cytotoxicity and modulation by fluphenazine-N-2-chloroethane and leucovorin. 2005, Journal of Clinical Oncology.

[2]. Moustafa A, et al. A novel role for carbon monoxide as a potent regulator of intracellular Ca2+ and nitric oxide in rat pancreatic acinar cells. Am J Physiol Cell Physiol. 2014 Dec 1;307(11):C1039-49.

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