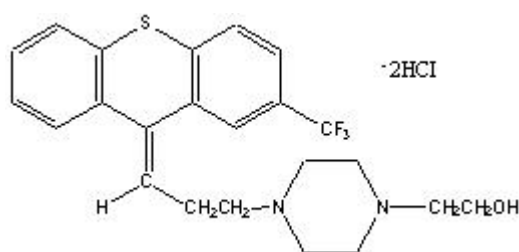


TECHNICAL INFORMATION

Catalog Number: 153702

cis(Z)-Flupenthixol dihydrochloride

Structure:



Molecular Formula: C₂₃H₂₅F₃N₂OS.2HCl

Molecular Weight: 507.44

CAS # 2709-56-0

Synonym: (Z)-4-[3-[2-(Trifluoromethyl)-9H-thioxanthen-p-ylidene]propyl]-1-piperazine ethanol dihydrochloride.

Physical Appearance: White crystalline powder

Description: Antipsychotic; neuroleptic agent; dopamine receptor antagonist.

Solubility: Soluble in water (17 mg/ ml)

References:

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- Nielsen, I.M., Nymark, M., Franck, K.F., Pedersen, V., Boeck, V. "Prolonged neuroleptic effect of a-flupenthixol decanoate in oil." *Acta Pharmacol. Toxicol.* **32**, 363-376 (1973).
- Schorderet, M., McDermed, J., Magistretti, P. "Dopamine receptors and cyclic AMP in rabbit (aminotetralins) and thioxanthene isomers." *J. Physiol.* **74**, 509-513 (1978).
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