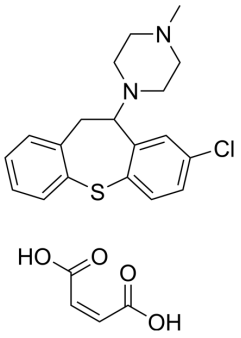
Octoclothepin maleate salt

Cat. No.:	HY-106587A
CAS No.:	4789-68-8
Molecular Formula:	$C_{23}H_{25}ClN_2O_4S$
Molecular Weight:	460.97
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Octoclothepin maleate salt, an orally active neuroleptic agent, is a dual SR-2A and D2DR inhibitor. Octoclothepin maleate salt reveals an intensive central depressant action in a series of observational and instrumental procedures in rodents[1][2].
In Vivo	Octoclothepin possesses high cataleptogenic and anti-apomorphine activities in rats; it is able to exert full protection against apomorphine-induced emesis in dogs after the dose of 0.1 mg/kg s.c.[1]. Octoclothepin in doses of 0.5 and 1.5 mg/kg s.c. reduces the DA level and raises the HVA and DOPAC levels significantly[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. J Metysová, et al. Pharmacological properties of a potent neuroleptic drug octoclothepin. Acta Biol Med Ger. 1980;39(6):723-40.

[2]. J Hyttel, et al. Characterization of binding of 3H-SCH 23390 to dopamine D-1 receptors. Correlation to other D-1 and D-2 measures and effect of selective lesions. J Neural Transm. 1987;68(3-4):171-89.

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