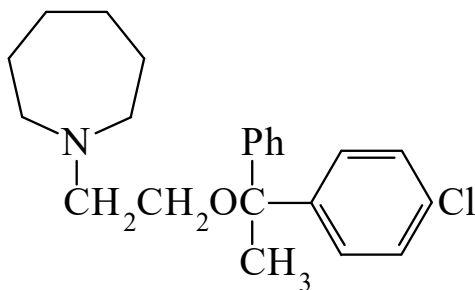




>>Entry Name: Setastine, INN

Synonym(s): 1-[2-[(*p*-Chloro- α -methyl- α -phenylbenzyl)oxy]ethyl]hexahydro-1*H*-azepine, 8Cl. Loderix. EGYT-2062



CAS Registry Number: 64294-95-7

Molecular Formula: C₂₂H₂₈ClNO

Molecular Weight: 357.922

Accurate Mass: 357.185941

Percentage Composition: C 73.83%; H 7.88%; Cl 9.91%; N 3.91%; O 4.47%

Use/Importance: Histamine H₁-receptor antagonist

Development Status: Launched 1987

Calculated Log P Data: Log P 6.44 (calc)

>>Variant: ($\pm$)-form

Molecular Formula: C₂₂H₂₈ClNO

Molecular Weight: 357.922

Accurate Mass: 357.185941

Percentage Composition: C 73.83%; H 7.88%; Cl 9.91%; N 3.91%; O 4.47%

>>Derivative: Hydrochloride

CAS Registry Number: 59767-13-4

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 170-171°

Hazard & Toxicity: LD₅₀ (mus, orl) 510 mg/kg

References:

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Nogradi, M., *Drugs of the Future*, 1987, **12**, 357, (*rev*)

Németh, A. *et al.*, *Agents Actions*, 1988, **23**, 194, (*pharmacol*)

Porszasz, J. *et al.*, *Arzneim.-Forsch.*, 1990, **40**, 1340, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 945