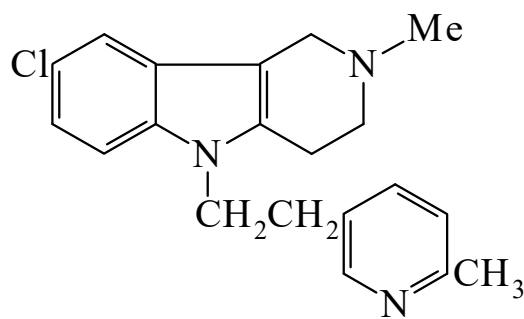




>>Entry Name: Dorastine, INN

Synonym(s): 8-Chloro-2,3,4,5-tetrahydro-2-methyl-5-[2-(6-methyl-3-pyridinyl)ethyl]-1*H*-pyrido[4,3-*b*]indole, 9Cl. Ro 5-9110/1



CAS Registry Number: 21228-13-7

Type of Compound Code(s): XA4510

Molecular Formula: C₂₀H₂₂ClN₃

Molecular Weight: 339.867

Accurate Mass: 339.150224

Percentage Composition: C 70.68%; H 6.52%; Cl 10.43%; N 12.36%

Use/Importance: Histamine H₁-receptor antagonist

Physical Description: Cryst. (EtOAc)

Development Status: Never marketed

Melting Point: Mp 114.5-115.5°

Calculated Log P Data: Log P 4.49 (calc)

>>Derivative: Hydrochloride (1:2)

Synonym(s): Dorastine hydrochloride, USAN

CAS Registry Number: 21228-28-4

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 264-266°

References:

U.S. Pat., 1968, *Hoffmann-La Roche*, 3 409 628; *CA*, **71**, 38939s, (*synth, pharmacol*)