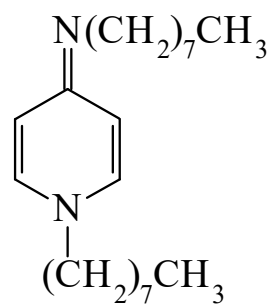




>>Entry Name: Pirtenidine, INN

Synonym(s): *N*-(1-Octyl-4(1*H*)-pyridinylidene)-1-octanamine, 9Cl. 1,4-Dihydro-1-octyl-4-(octylimino)pyridine. Win 52172



CAS Registry Number: 103923-27-9

Molecular Formula: C₂₁H₃₈N₂

Molecular Weight: 318.545

Accurate Mass: 318.303498

Percentage Composition: C 79.18%; H 12.02%; N 8.79%

Use/Importance: Antimicrobial, antifungal, antibacterial agent

>>Derivative: Hydrochloride

CAS Registry Number: 100227-05-2

Physical Description: Dimorph. cryst.

Melting Point: Mp 120-125°. Mp 140-142°

>>Derivative: Hydrobromide

CAS Registry Number: 103923-28-0

Melting Point: Mp 108-112°

References:

Eur. Pat., 1986, *Sterling Drug*, 174 632; *CA*, **105**, 133756j, (*synth, pharmacol*)

Ghannoum, M.A. *et al.*, *J. Antimicrob. Chemother.*, 1990, **25**, 237, (*activity*)