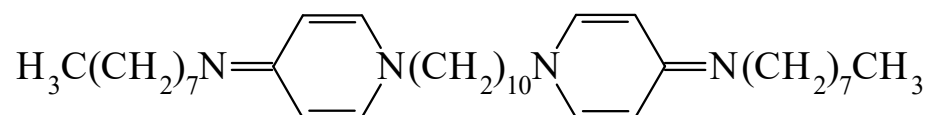




>>Entry Name: **Octenidine**, BAN, INN

Synonym(s): *N,N'*-(1,10-Decanediyldi-1(4*H*)-pyridinyl-4-ylidene)bis-1-octanamine, 9Cl. 1,1'-Decamethylenebis[1,4-dihydro-4-(octylimino)pyridine]



CAS Registry Number: 71251-02-0

Molecular Formula: C₃₆H₆₂N₄

Molecular Weight: 550.913

Accurate Mass: 550.497446

Percentage Composition: C 78.49%; H 11.34%; N 10.17%

Use/Importance: Possesses antimycotic props. Topical antiinfective agent. Dental plaque inhibitor

>>Derivative: Hydrochloride (1:2)

Synonym(s): **Octenidine hydrochloride**, USAN. Octeniderm. Octenisept. Win 41464-2

CAS Registry Number: 70775-75-6

Melting Point: Mp 215-217°

>>Derivative: Compd. with saccharin (1:2)

Synonym(s): **Octenidine saccharin**, USAN. Win 41464-6

CAS Registry Number: 86767-75-1

Use/Importance: Dental plaque inhibitor

Melting Point: Mp 82-85°

References:

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Slee, A.M. *et al.*, *Antimicrob. Agents Chemother.*, 1983, **23**, 531, (*pharmacol*)

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