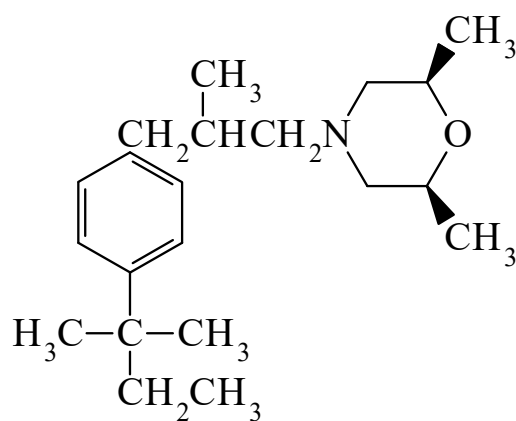




>> **Name:** Amorolfine, BAN, INN, USAN

Synonym(s): 4-[3-[4-(1,1-Dimethylpropyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine, 9CI



CAS Registry Number: 67467-83-8

Molecular Formula: C₂₁H₃₅NO

Molecular Weight: 317.514

Accurate Mass: 317.271864

Percentage Composition: C 79.44%; H 11.11%; N 4.41%; O 5.04%

Use/Importance: Antifungal agent; used topically in the treatment of fungal skin and nail infections

Development Status: Launched 1991 (UK)

Calculated Log P Data: Log P 6.4 (calc)

>> **Variant:** (±)-form

CAS Registry Number: 78613-35-1

Molecular Formula: C₂₁H₃₅NO

Molecular Weight: 317.514

Accurate Mass: 317.271864

Percentage Composition: C 79.44%; H 11.11%; N 4.41%; O 5.04%

Boiling Point: Bp_{0.1} 120°

>> **Derivative:** Hydrochloride

Synonym(s): Loceryl. Ro 14-4767/002

CAS Registry Number: 78613-38-4

Physical Description: Hygroscopic cryst.

Melting Point: Mp 204-206°

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 315
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