



Product Information

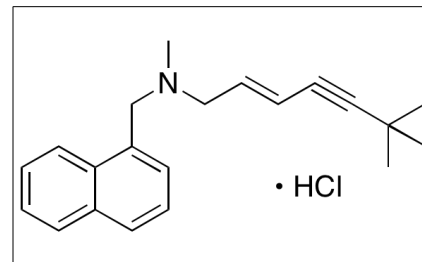
Product ID T1672
CAS No. 78628-80-5
Chemical Name N-[(2E)-6,6-Dimethyl-2-hepten-4-ynyl]-N-methyl-1-naphthalenemethanamine hydrochloride

Synonym Lamisil

Formula $C_{21}H_{25}N \cdot HCl$
Formula Wt. 327.90
Melting Point 195-198 °C
Purity ≥98%
Solubility Soluble in methanol, methylene chloride or ethanol.

Store Temp 4 °C
Ship Temp Ambient

Description Terbinafine is an allylamine that exhibits anticancer, antifungal, and anti-hyperlipidemic activities. Terbinafine inhibits squalene oxidase, preventing synthesis of ergosterol and cholesterol. Terbinafine also inhibits proliferation of oral squamous cell carcinoma cells, inhibiting kinase suppressor of RAS 1 (KSR1).



Bulk quantities available upon request

Product ID	Size
T1672	250 mg
T1672	1 g
T1672	5 g
T1672	10 g

References Li B, Lu L, Zhong M, et al. Terbinafine inhibits KSR1 and suppresses Raf-MEK-ERK signaling in oral squamous cell carcinoma cells. *Neoplasma*. 2013;60(4):406-12. PMID: 23581412.

Nowosielski M, Hoffmann M, Wyrwicz LS, et al. Detailed mechanism of squalene epoxidase inhibition by terbinafine. *J Chem Inf Model*. 2011 Feb 28;51(2):455-62. PMID: 21229992.

Revankar SG, Nailor MD, Sobel JD. Use of terbinafine in rare and refractory mycoses. *Future Microbiol*. 2008 Feb;3(1):9-17. PMID: 18230029.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.