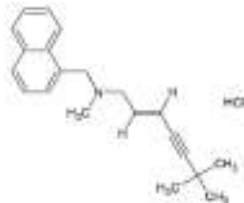


Terbinafine hydrochloride

ALTERNATE NAME: N-[(2E)-6,6-dimethyl-2-hepten-4-yn-1-yl]-N-methyl-1-naphthalenemethanamine, monohydrochloride

CATALOG #: B2657-50 50 mg
B2657-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₅N · HCl

MOLECULAR WEIGHT: 327.89

CAS NUMBER: 78628-80-5

APPEARANCE: White solid

PURITY: ≥98%

SOLUBILITY: >30 mg/ml DMSO

DESCRIPTION: Terbinafine hydrochloride is a selective TASK3 (TWIK-related acid-sensitive K⁺ channel 3, KCNK9, K2P9.1) activator (pEC₅₀ = 6.2). It displays >10-fold selectivity for TASK3 over TREK2, TRESK, THIK1 and TASK2. Also inhibits TWIK1 (pIC₅₀ = 5.69). Also acts as a broad-spectrum antifungal agent; inhibits fungal sterol biosynthesis by inhibition of squalene epoxidase.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Voriconazole (B2032)
Posaconazole (9526)
Terbinafine (free base) (B2423)
Naftifine hydrochloride (B2422)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*