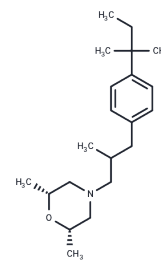


Amorolfine

Chemical Properties

CAS No. :	78613-35-1
Formula:	C ₂₁ H ₃₅ NO
Molecular Weight:	317.517
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Amorolfine is available in the nail lacquer and can be used to treat fungal nail infections.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1494 mL	15.747 mL	31.4941 mL
5 mM	0.6299 mL	3.1494 mL	6.2988 mL
10 mM	0.3149 mL	1.5747 mL	3.1494 mL
50 mM	0.063 mL	0.3149 mL	0.6299 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Tabara K, Szewczyk AE, Bienias W, Wojciechowska A, Pastuszka M, Oszukowska M, Kaszuba A. Amorolfine vs. ciclopirox - lacquers for the treatment of onychomycosis. *Postepy Dermatol Alergol.* 2015 Feb;32(1):40-5. doi: 10.5114/pdia.2014.40968. Epub 2015 Feb 3. Review. PubMed PMID: 25821426; PubMed Central PMCID: PMC4360009.

Auvinen T, Tiihonen R, Soini M, Wangel M, Sipponen A, Jokinen JJ. Efficacy of topical resin lacquer, amorolfine and oral terbinafine for treating toenail onychomycosis: a prospective, randomized, controlled, investigator-blinded, parallel-group clinical trial. *Br J Dermatol.* 2015 Oct;173(4):940-8. doi: 10.1111/bjd.13934. Epub 2015 Oct 1. PubMed PMID: 26036329.

Bunyaratavej S, Leeyaphan C, Rujitharanawong C, Surawan TM, Muanprasat C, Matthapan L. Efficacy of 5% amorolfine nail lacquer in *Neoscytalidium dimidiatum* onychomycosis. *J Dermatolog Treat.* 2016 Aug;27(4):359-63. doi: 10.3109/09546634.2015.1109029. Epub 2015 Nov 11. PubMed PMID: 26471716.

Sigurgeirsson B, Ghannoum MA, Osman-Ponchet H, Kerrouche N, Sidou F. Application of cosmetic nail varnish does not affect the antifungal efficacy of amorolfine 5% nail lacquer in the treatment of distal subungual toenail onychomycosis: results of a randomised active-controlled study and in vitro assays. *Mycoses.* 2016 May;59(5):319-26. doi: 10.1111/myc.12473. Epub 2016 Feb 11. PubMed PMID: 26867498.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481