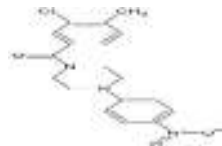


Filastatin

ALTERNATE NAME: (3-Chloro-4-methylphenyl)[4-(4-nitrophenyl)-1-piperaziny]-methanone

CATALOG #: B2767-5 5 mg
B2767-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₈ClN₃O₃

MOLECULAR WEIGHT: 359.81

CAS NUMBER: 431996-53-1

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: ~15 mg/ml DMSO

DESCRIPTION: Filastatin is a nontoxic inhibitor of adhesion to human cells. Filastatin blocks the ability of *Candida albicans*, and other *Candida* sp. to bind to polystyrene, and human A549 cell monolayers. Filastatin also blocks biofilm formation and yeast-to-hyphal morphologic transition through inhibition of the hyphal-specific promoter HWP1.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

Caspofungin acetate (2584)
Anidulafungin (B2966)
Voriconazole (B2032)

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