
Filastatin

产品编号: D51616

CAS: 431996-53-1

分子式: C₁₈H₁₈ClN₃O₃

纯度: ≥98%

InChi: InChI=1S/C₁₈H₁₈ClN₃O₃/c1-13-2-3-14(12-17(13)19)18(23)21-10-8-20(9-11-21)15-4-6-16(7-5-15)22(24)25/h2-7,12H,8-11H₂,1H₃

InChi Key: PNECWWUOUHGWQG-UHFFFAOYSA-N

Smiles: CC1C=CC(=CC=1Cl)C(=O)N1CCN(CC1)C1C=CC(=CC=1)[N+][O-]=O

外观: 固体粉末

作用通路: Fungal

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Filastatin is a nontoxic inhibitor of adhesion to human cells, and it affects multiple Candida species. 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.