

Alamethicin, Pore-forming antimicrobial peptide

Catalog	Unit
TBI2055- 1MG	1 mg
TBI2055- 5MG	5 mg

Product Details

Formal Name: *N*-acetyl-2-methylalanyl-L-prolyl-2-methylalanyl-L-alanyl-2-methylalanyl-L-alanyl-L-glutamyl-2-methylalanyl-L-valyl-2-methylalanylglycyl-L-leucyl-2-methylalanyl-L-prolyl-L-valyl-2-methylalanyl-2-methylalanyl-L- α -glutamyl-*N*¹-[(1*S*)-1-benzyl-2-hydroxyethyl]-L-glutamamide

Alternate Names: U-22324

Molecular Formula: C₉₂H₁₅₀N₂₂O₂₅

Formula Weight: 1964.31

CAS Number: 27061-78-5

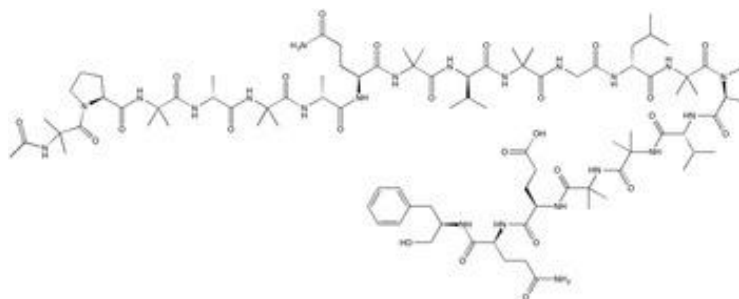
Purity: 98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Methanol (up to 10 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Pore-forming antimicrobial peptide

Functions

Alamethicin (27061-78-5) is a membrane permeabilizing, pore-forming agent. Applications include: [32P] incorporation into phosphatidylinositols, permeabilization of sarcoplasmic reticulum vesicles and mitochondria and induction of lipid vesicle fusion.

Application Procedures

First dissolved in DMSO (25 mg/ml) or methanol (10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or methanol may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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