Alamethicin

Antibiotic that increases membrane permeability

Mixture of alamethicin homologs. Membrane permeabilizing antibiotic. Applications include increasing [^{32}P] incorporation into phosphatidylinositol 4-phosphate and permeabilization of sarcoplasmic reticulum vesicles. Causes fusion of lipid vesicles.

Citations: 31 View Online »

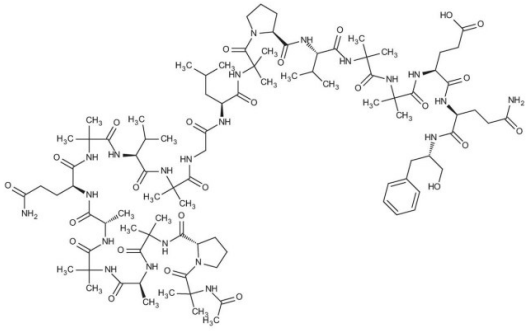
Ordering Information

Order Online »

BML-A150-0005	5mg
BML-A150-0025	25mg

Manuals, SDS & CofA

View Online »




Alamethicin
Enzo

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at 0-4°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	U-22324
Appearance	White to off-white solid.
CAS	27061-78-5
Formula	$C_{92}H_{150}N_{22}O_{25}$
MW	1964.3
Purity	≥98% (TLC)
Sequence	Ac-2-MeAla-L-Pro-2-MeAla-L-Ala-2-MeAla-L-Ala-L-Gln-2-MeAla-L-Val-2-MeAla-Gly-L-Leu-2-MeAla-L-Pro-L-Val-2-MeAla-2-MeAla-L-Glu-L-Gln-L-phenylalaninol
Solubility	Soluble in DMSO, 100% ethanol or methanol.

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