Valinomycin

Potassium ionophore

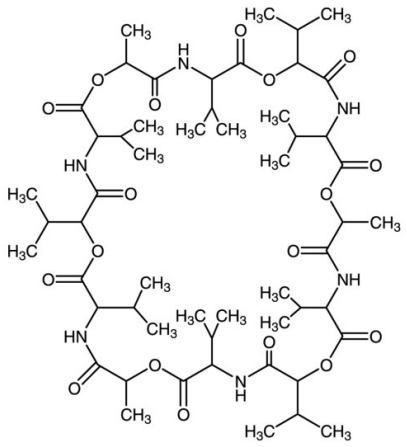
A potassium ionophore. Induces mitochondrial swelling. Induces apoptosis in CHO cells and other cell lines. Antagonizes endothelin-induced vasoconstriction (IC_{50}=0.3μM).

Citations: 18 View Online »

Ordering Information Order Online »

BML-KC140-0025	25mg

Manuals, SDS & CofA View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White crystalline solid.
CAS	2001-95-8
Formula	$C_{54}H_{90}N_6O_{18}$
MW	1111.3
Purity	≥97% (TLC), ≥92% (HPLC)
Solubility	Soluble in 100% ethanol (50mg/ml), acetic acid, chloroform, DMSO or ether.
Source	Isolated from *Streptomyces fulvissimus*

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