Valinomycin

PRODUCT DATA SHEET

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Product Name: Valinomycin
Product Number: V015
CAS Number: 2001-95-8
Molecular Formula: C_{54}H_{90}N_{6}O_{18}
Molecular Weight: 1111.3
Appearance: White powder
Storage Conditions: -20°C

Description: Valinomycin is a hydrophobic cyclodepsipeptide with potent antitumor activity. Valinomycin is a highly selective potassium ionophore and this action leads to a diverse range of profound cell membrane effects. More recently, valinomycin has found application as a biosensor to detect potassium efflux.

Valinomycin is soluble in ethanol, methanol, DMF and DMSO.

References:


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