

ENZYMES
CAT# VALI997860
CAS# 2001-95-8

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Valinomycin

ORIGIN *Streptomyces sp.*

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► SPECIFICATIONS

Appearance	White powder
Melting Point	187 - 191°C
Purity (HPLC)	93% to 100%
Specific rotation (1.6% in benzene)	+30° to +34°
Element analysis	Potassium ≤ 25 ppm Sodium ≤ 35 ppm
Water Content	≤ 0.5% w/w

► APPLICATION

Suitable for use as a potassium ionophore in electrodes or other devices for the measurement of potassium.

► CHARACTERISTICS

Molecular Weight:	1.1kDa
Empirical Formula:	$C_{54}H_{90}N_6O_{18}$

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