

Chem-Impex International, Inc.

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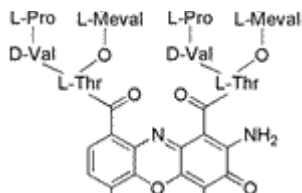
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	29903
Product	Actinomycin D from Streptomyces species Dactinomycin Actinomycin C1
CAS Number	50-76-0
Molecular Formula	C ₆₂ H ₈₆ N ₁₂ O ₁₆
Molecular Weight	1255.42
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Appearance	Bright red crystalline powder
Solubility	Soluble in acetone, ethyl acetate
Optical Rotation	[α] _D ²⁰ = -292 to -317 °
UV Ratios	A _{240/445} = 1.30 to 1.50
Loss on Drying	≤ 5%
Bacterial Endotoxins	≤ 100 EU/mg
Related Substances	Total impurities : ≤ 2%
Purity by HPLC	≥ 98%
Grade	USP
Storage	Store at 0-8 °C

For Laboratory Use Only