

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

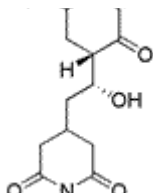
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00083
Product	Cycloheximide (from <i>Streptomyces griseus</i>) 3-[2-(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]glutarimide Actidione
CAS Number	66-81-9
Molecular Formula	C ₁₅ H ₂₃ NO ₄
Molecular Weight	281.35

Appearance	White or off-white crystalline powder
Solubility	Soluble in chloroform, ether, acetone, methanol, ethanol, other common organics solvents except saturated hydrocarbons.
Melting Point	116 - 119 °C
Water Content (Karl Fisher)	≤ 0.3%
Optical Rotation	[α] _D ²⁰ = -32 to -26 °
Related Substances	Total impurities : ≤ 2%
Residue On Ignition	≤ 0.2%
Potency (Anhydrous Basis)	≥ 980 ug/mg
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only