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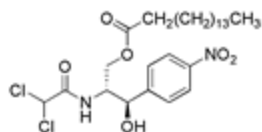
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 01961

Product **Chloramphenicol palmitate**

Chloramphenicol α -palmitate

CAS Number 530-43-8

Molecular Formula $C_{27}H_{42}Cl_2N_2O_6$

Molecular Weight 561.5

Appearance White or almost white unctuous powder

Solubility Practically insoluble in water, freely soluble in acetone, sparingly soluble in ethanol (96%), very slightly soluble in hexane

Melting Point 87 - 95 °C

Acidity To passes test

Optical Rotation $[\alpha]^{20}_D = 22.5 - 25.5^\circ$

Loss on Drying $\leq 0.5\%$

Related Substances To passes test

Sulfated Ash $\leq 0.1\%$

Assay by titration 98 - 102% (On dry basis)

Grade BP

Storage Store at 0-8°C

Additional Information Identification A, B, C : To passes test
Free chloramphenicol : ≤ 450 ppm

For Laboratory Use Only