

# Chem-Impex International, Inc.

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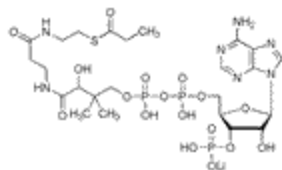
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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

Catalogue Number 01895

Product **Propionyl coenzyme A lithium salt**

CAS Number 108321-21-7

Molecular Formula  $C_{24}H_{36}N_7O_{17}P_3SLi_4 \cdot 4H_2O$

Molecular Weight 919.4

Appearance White powder

TLC System Isobutyric acid / Sodium isobutyrate, pH 4.3  
Prepared by adding 577 mL iso-butyric Acid to 350 mL water and adjust the pH to 4.4 with conc. Ammonium Hydroxide.  
Dilute to 100 mL.  
Rf = 0.77

UV Ratios  $\lambda_{max}$  at 260 nm, pH: 7  $14.7 \times 10^3$ ;  
Ratios at pH 7  
 $232/260 = 0.51 \pm 0.03$   
 $250/260 = 0.84 \pm 0.03$   
 $280/260 = 0.17 \pm 0.03$

Purity by UV  $\geq 95\%$

Storage Store at  $\leq -4^\circ C$

**For Laboratory Use Only**