

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

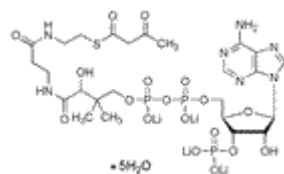
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 06807

Product **Acetoacetyl coenzyme A lithium salt**

Molecular Formula $C_{25}H_{36}N_7O_{18}P_3SLi_4 \cdot 5H_2O$

Molecular Weight 965.4

Appearance Solid

TLC System

Isobutyric acid/Sodium isobutyrate, pH 4.3

Prepared by adding 57.7 mL Isobutyric acid to 35 mL water and adjusting the pH 4.3 with conc.

sodium hydroxide then dilute to 100 mL.

Principal Rf : 0.77

Trace Rf : 0.82

UV Ratios

λ_{max} at 260 nm, pH : 7 14.8×10^3 :

Ratios at pH 7

232/260 : 0.52 ± 0.03

250/260 : 0.90 ± 0.03

280/260 : 0.24 ± 0.03

Purity by TLC

$\geq 96\%$

Storage

Store at $\leq -15^\circ C$

For Laboratory Use Only