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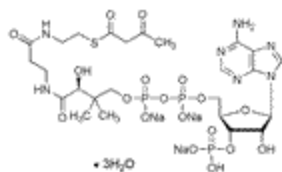
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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 01897

Product **Acetoacetyl coenzyme A trisodium salt tetrahydrate**

Acetoacetyl-CoANa3

CAS Number 102029-52-7 (net)

Molecular Formula C₂₅H₃₇N₇Na₃O₁₈P₃S•4H₂O

Molecular Weight 988.58

Appearance Solid

TLC System Isobutyric acid / Sodium isobutyrate, pH 4.3
TLC solvent is prepared by adding 57.7 mL Isobutyric A in 35 mL water, adjust the pH to 4.3 with conc. Sodium Hydroxide and then dilute to 100 mL total volume with water.
R_f = 0.77 Trace R_f = 0.82

UV Ratios λ_{max} at 260 nm, pH: 7 14.8x10³;
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 ≥ 96%

Storage Store at ≤ -15 °C

For Laboratory Use Only