Certificate of Analysis

Coenzyme A

Cat. No.: HY-128851

CAS No.: 85-61-0

Batch No.: 44687

Chemical Name: Adenosine 5'-(trihydrogen diphosphate) 3'-(dihydrogen phosphate) P'-[(R)-3-hydroxy-4-[[3-[(2-mercaptoethyl)amino]-3-oxopropyl]amino]-2,2-dimethyl-4-oxobutyl] ester

PHYSICAL AND CHEMICAL PROPERTIES

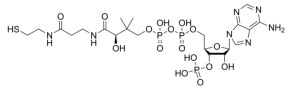
Molecular Formula: $C_{21}H_{36}N_7O_{16}P_3S$

Molecular Weight: **767.53**

Storage: -20°C, protect from light, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to light yellow (Solid)

Purity: **≥97.0%**

Water by Karl Fischer(5 mol/mol): 8.968%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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