

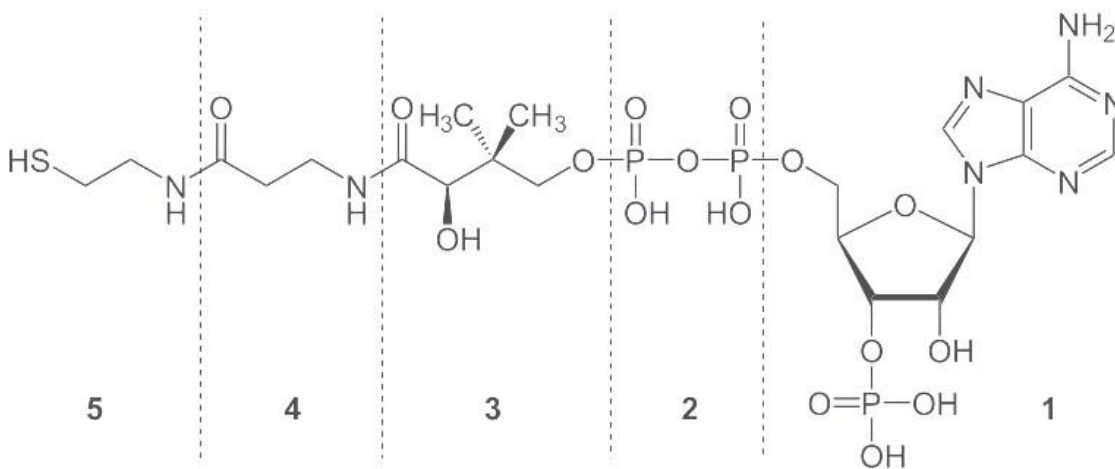
### Coenzyme A, free acid

CAS [85-61-0]

Order Number: 1 02 2 11, 250 mg/1 02 2 12, 500 mg/1 02 2 13, 1.000 mg

Storage Temperature: -20°C

### CERTIFICATE OF ANALYSIS



- 1: 3'-phosphoryliertes-Adenosin
- 2: Diphosphat, Phosphorsäureanhydrid.
- 1 + 2: 3'-phosphoryliertes-Adenosindiphosphat.
- 3: Pantoinsäure, Dihydroxy-Dimethyl-Butansäure.
- 4:  $\beta$ -Alanin.
- 3 + 4: Pantothensäure.
- 5:  $\beta$ -Mercapto-ethylamin, Thioethanolamin, Cysteamin.
- 3 + 4 + 5: Pantethein

**Other Names:** CoA, CoASH, HSCoA

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

**Molecular Weight:** 767,54 g/mol

# Luminescence

## Bioluminescence - Substrates



Item	Standard	Result
Description	Almost white to slightly yellow powder	Slightly yellow powder
Appearance of solution	Clear and slightly opalescent	Complies
Identification	conforms	conforms
Loss on drying	5.0% max.	1.20%
Water	Not more than 5.0%	1.3%
Purity (UV)	Not less than 85%	91.9%
Purity (HPLC)	Not less than 85%	91.6%
Pyrogens	Free	Free
Potency	> 250 U/mg	282 U/mg
Assay (Anhydrous basis)	Not less than 300 Units/mg	321 Units/mg

