

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material Palmitoyl Coenzyme A, Lithium salt

Product ID / SKU A-51

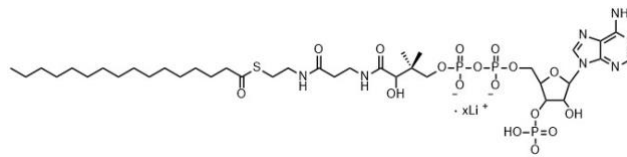
Purity $\geq 95.0\%$
(HPLC, 259 nm)

Origin Synthetic

CAS No. 188174-64-3

Molecular Formula $C_{37}H_{63}N_7O_{17}P_3S \cdot xLi$

Molecular Weight 1005.95 g/mol (free acid basis)



Chemical & Physical Properties:

Appearance White to slightly yellow

Consistency Powder to crystalline powder

Solubility Soluble in water

Storage Conditions:

Long-term storage Store at $-20^{\circ}C$ in the original tightly closed container, protected from air, light, and humidity.

Short-term exposure tolerance The product may withstand temporary temperature excursions up to room temperature for up to 5 days during transport in a special outer package, if the provided packaging remains sealed and protected from direct sunlight and humidity.

Recommended Shelf Life:

24 months after production, in unopened original packaging maintained under recommended storage conditions. A 3-month quality verification (re-test) is conducted to confirm continued compliance with specifications.

Analysis

Action Limit

| | | |
|-----------------|--------------------------|---------------|
| Purity | HPLC (259 nm) | $\geq 95.0\%$ |
| Identity | NMR (1H , ^{31}P) | Conforms |